Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

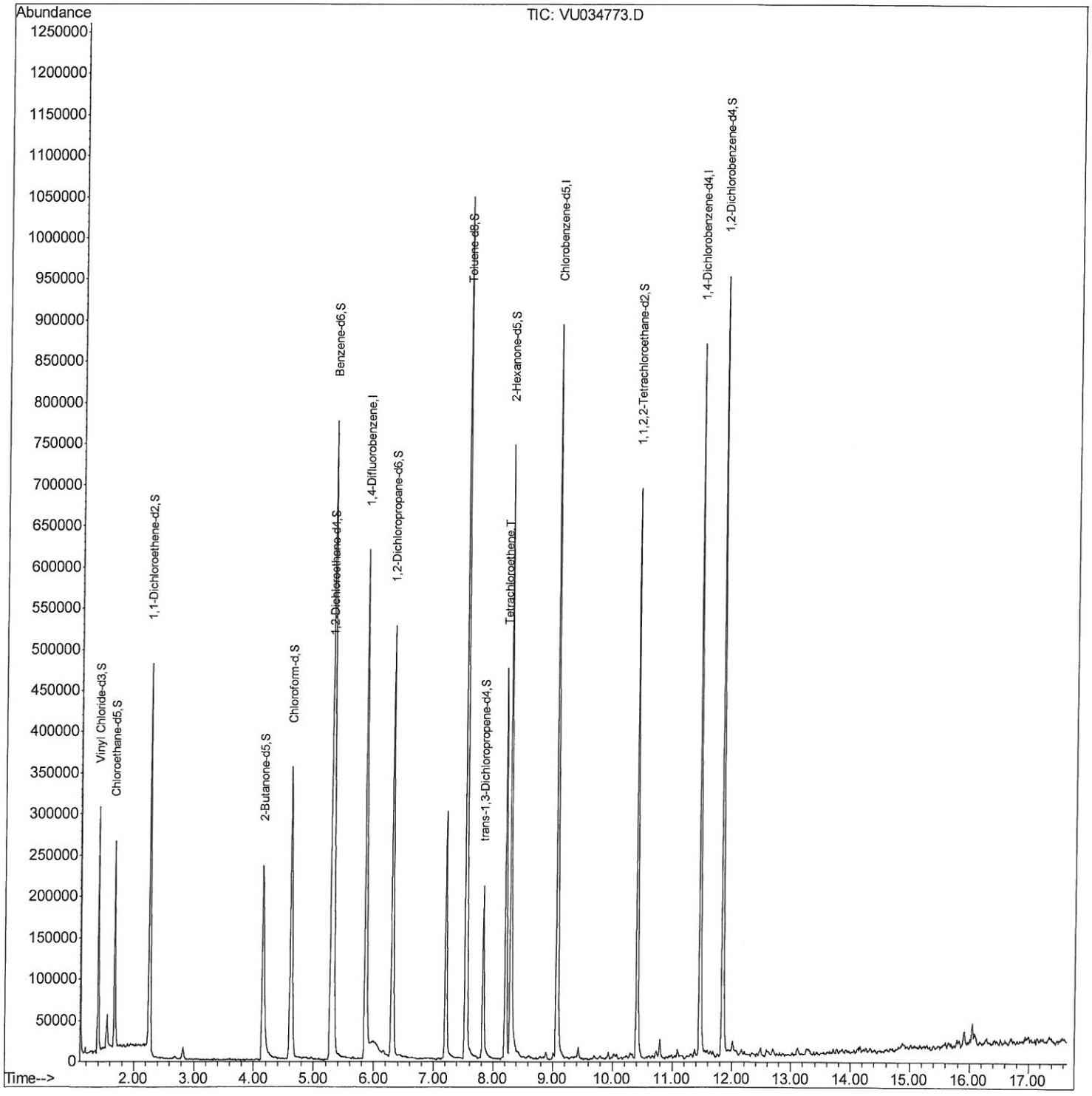
Quantitation Report (QT Reviewed)

Data File : VU034773.D
Acq On : 24 Sep 2019 16:01
Operator : JC/SP
Sample : K4984-04DL 200X
Misc : 5.38g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 04:18:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BEDK8DL

Manual Integrations APPROVED
MMDadoda
9/25/2019 10:06:31 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

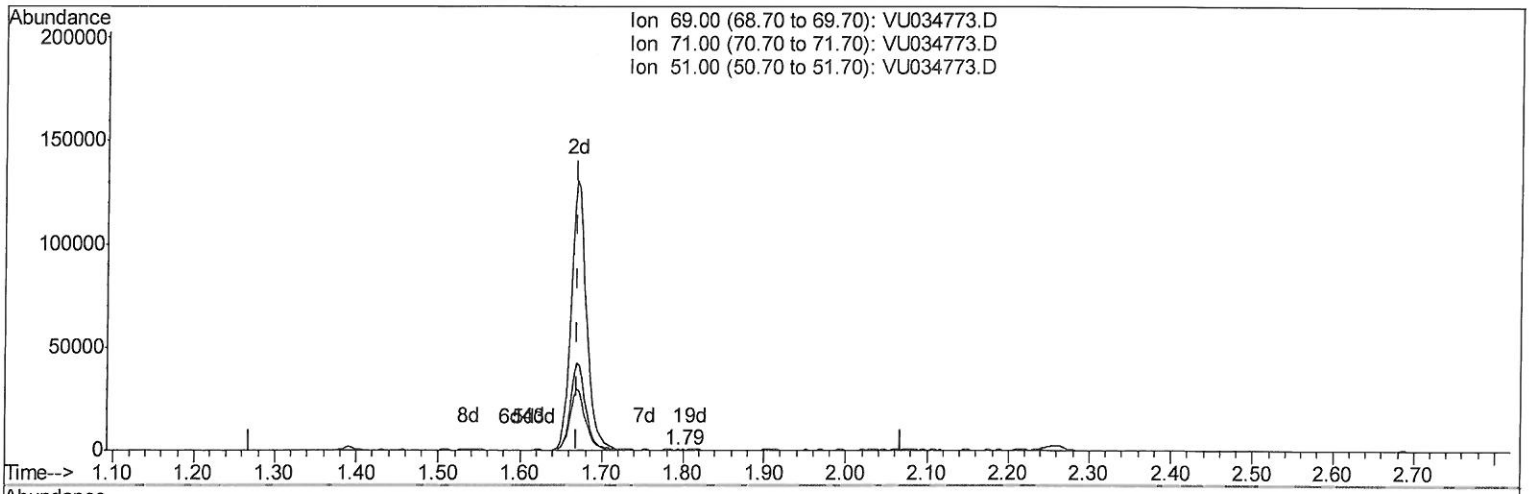
Quantitation Report (Qedit)

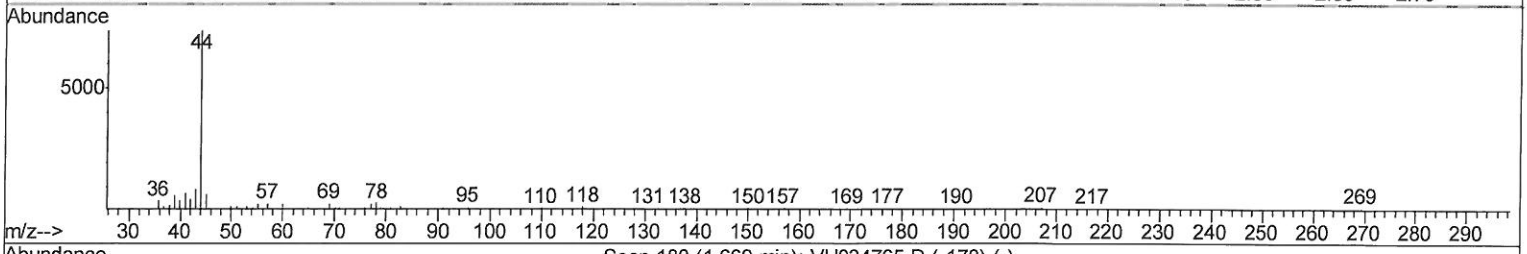
Data File : VU034773.D
Acq On : 24 Sep 2019 16:01
Operator : JC/SP
Sample : K4984-04DL 200X
Misc : 5.38g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

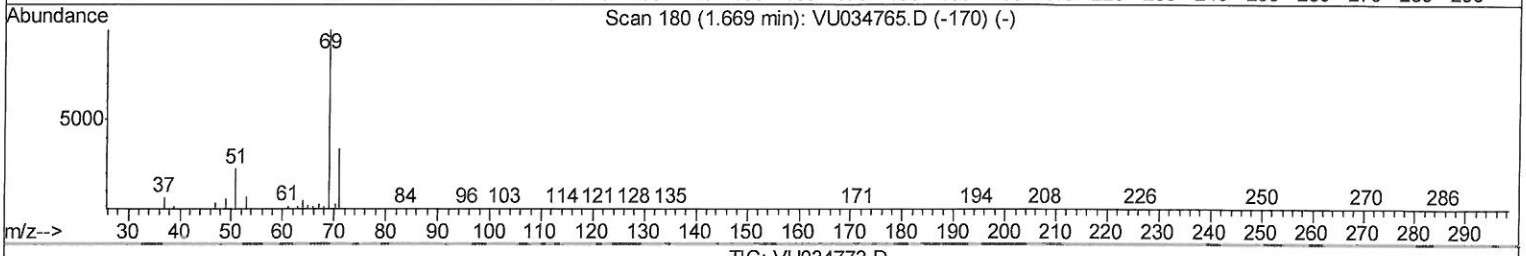
Quant Time: Sep 25 03:03:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BEDK8DL

Manual Integrations APPROVED
MMDadoda
9/25/2019 10:06:31 AM







TIC: VU034773.D

(7) Chloroethane-d5 (S)

1.794min (+0.125) 0.08ug/L

response 316

Ion	Exp%	Act%
69.00	100	100
71.00	31.80	37.97
51.00	32.70	42.09
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
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MSVOA_U
ClientSampleId :
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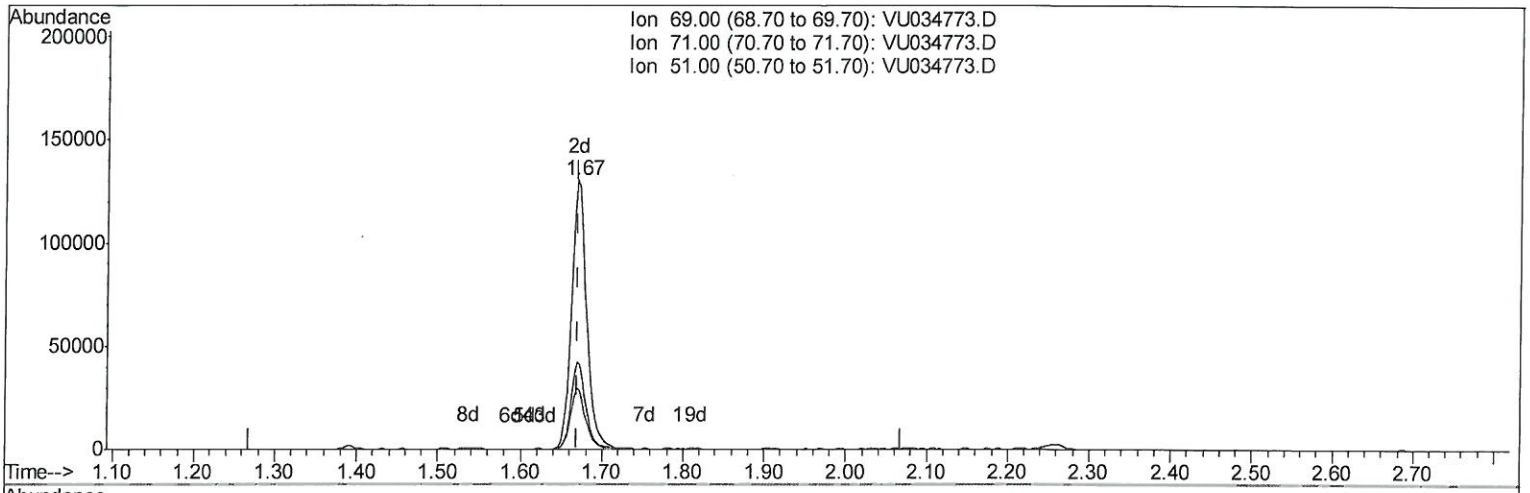
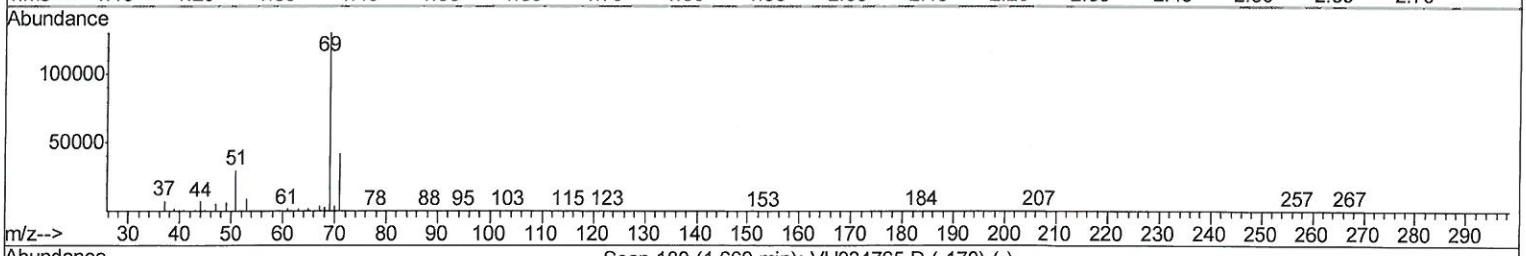
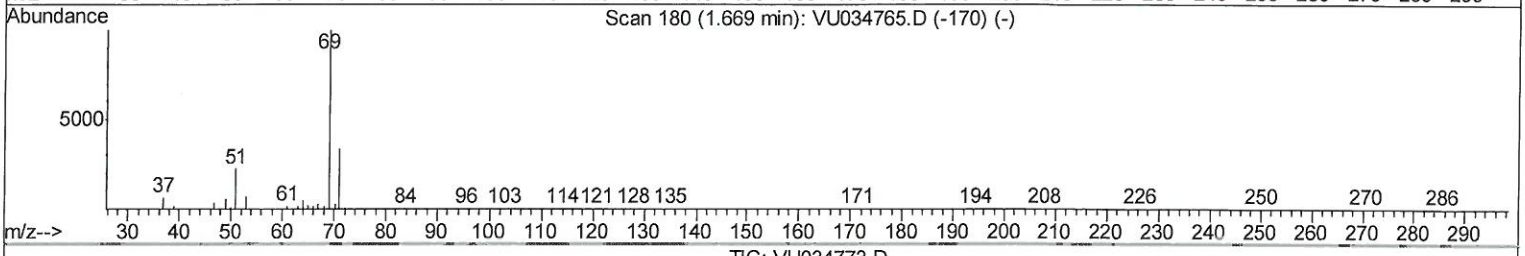
Manual Integrations APPROVED
MMDadoda
9/25/2019 10:06:31 AM







TIC: VU034773.D

(7) Chloroethane-d5 (S)

1.669min (-0.000) 43.95ug/L m

response 171231

Ion	Exp%	Act%
69.00	100	100
71.00	31.80	0.07#
51.00	32.70	0.08#
0.00	0.00	0.00

>mQ
9/30/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\

Quantitation Report (QT Reviewed)

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Acq On : 24 Sep 2019 16:01
Operator : JC/SP
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Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BEDK8DL

Manual Integrations APPROVED
MMDadoda
9/25/2019 10:06:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	492453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	462975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	213684	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	192839	38.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.50%			
7) Chloroethane-d5	1.67	69	171231m	43.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.90%			
11) 1,1-Dichloroethene-d2	2.26	63	265885	31.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.28%			
21) 2-Butanone-d5	4.15	46	392864	101.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.68%			
24) Chloroform-d	4.62	84	332927	45.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.86%			
26) 1,2-Dichloroethane-d4	5.29	65	239493	44.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.90%			
32) Benzene-d6	5.31	84	723243	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.31	67	251054	50.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.10%			
41) Toluene-d8	7.54	98	685494	50.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%			
43) trans-1,3-Dichloropropene-	7.83	79	111390	46.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.74%			
47) 2-Hexanone-d5	8.29	63	266946	105.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.97%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340103	48.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.74%			
64) 1,2-Dichlorobenzene-d4	11.84	152	231392	51.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.28%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.21	164	94189	33.766	ug/L	99

7mQ 9/25/19

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