Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

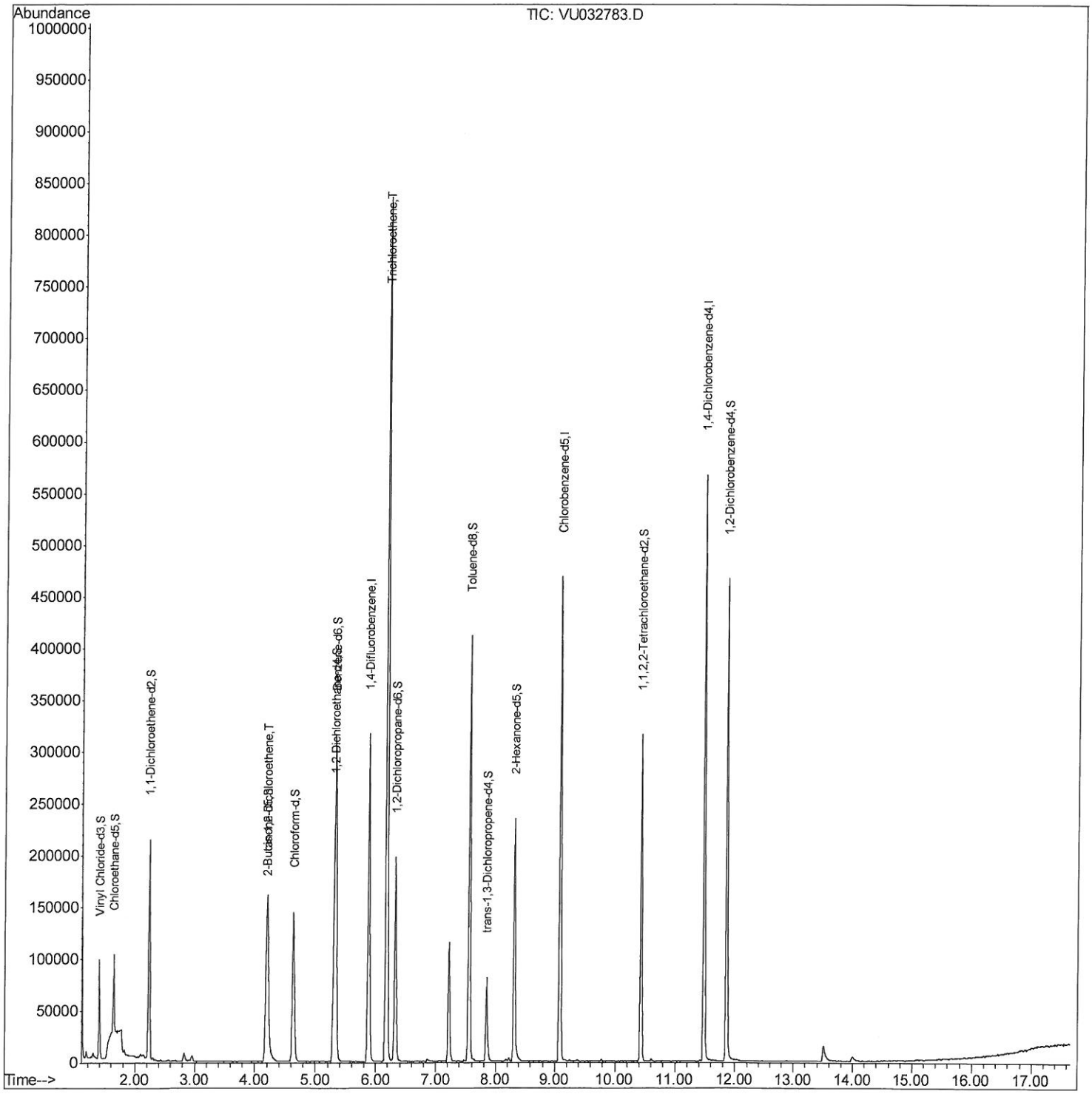
Quantitation Report (QT/LSC Reviewed)

Data File : VU032783.D
Acq On : 17 Jun 2019 15:32
Operator : JC/SP
Sample : K3324-20ME
Misc : 4.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 07:15:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0JX7ME

Manual Integrations APPROVED
MMDadoda
6/18/2019 11:27:53 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

Quantitation Report (Qedit)

Data File : VU032783.D
Acq On : 17 Jun 2019 15:32
Operator : JC/SP
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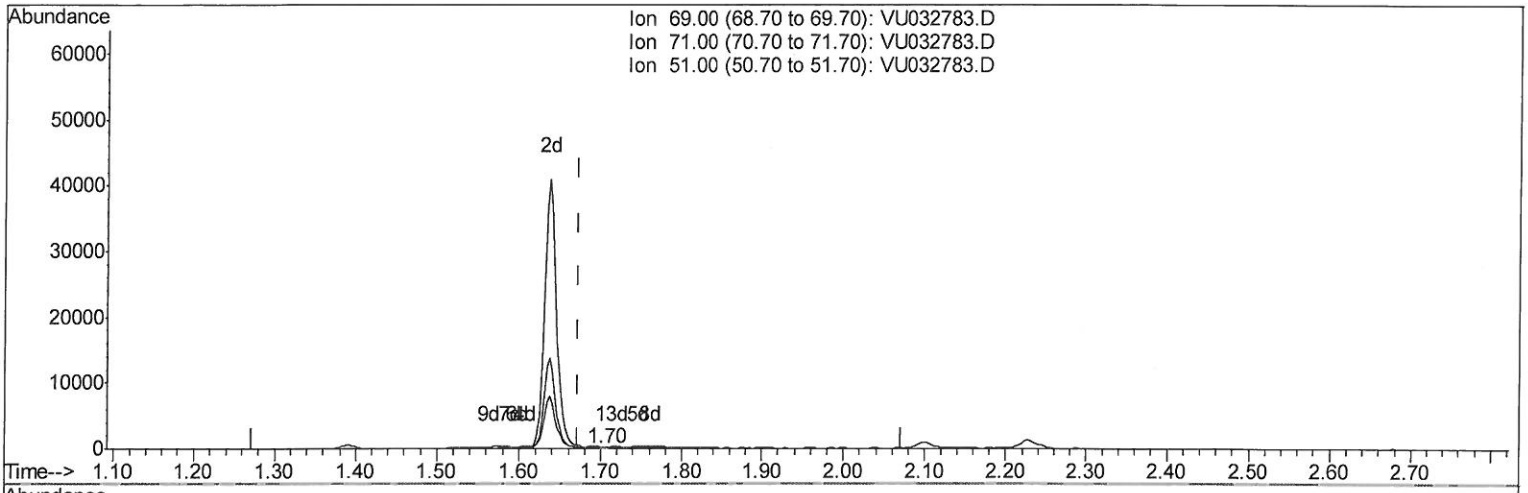
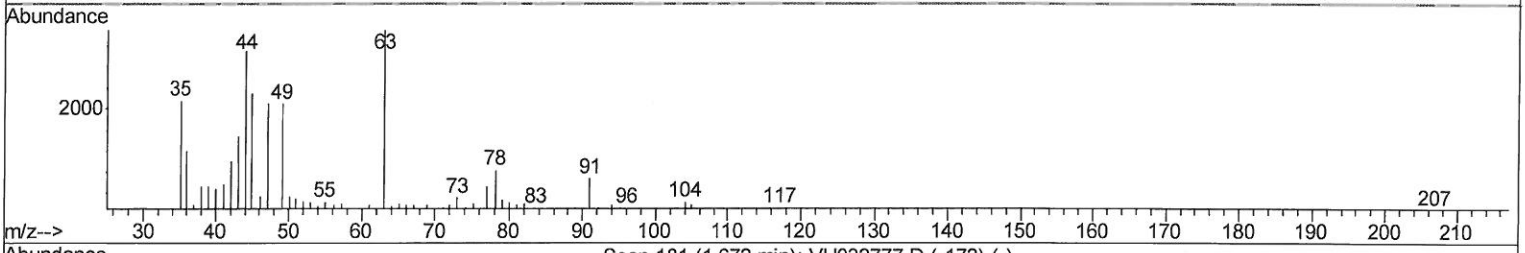
Misc : 4.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

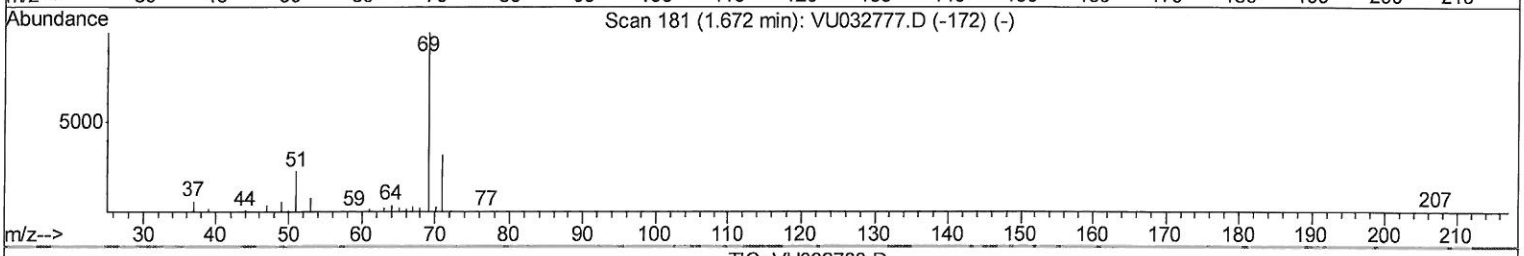
Quant Time: Jun 18 02:43:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0JX7ME

Manual Integrations APPROVED
MMDadoda
6/18/2019 11:27:53 AM







TIC: VU032783.D

(7) Chloroethane-d5 (S)

1.701min (+0.029) 0.10ug/L

response 147

Ion	Exp%	Act%
69.00	100	100
71.00	31.30	47.62#
51.00	30.80	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
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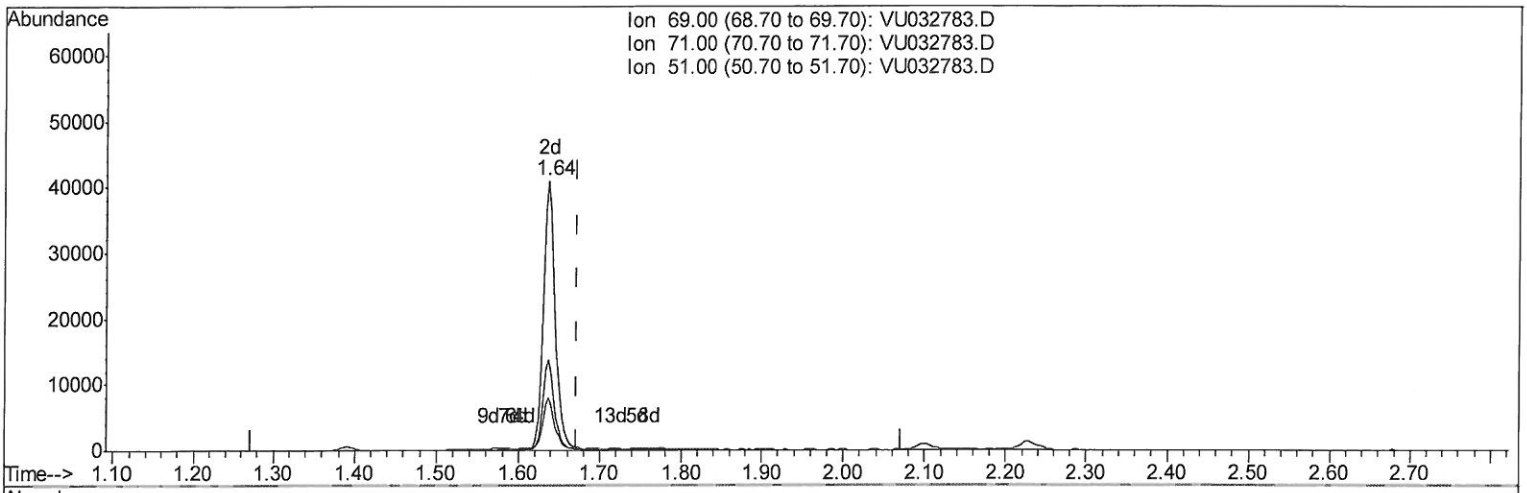
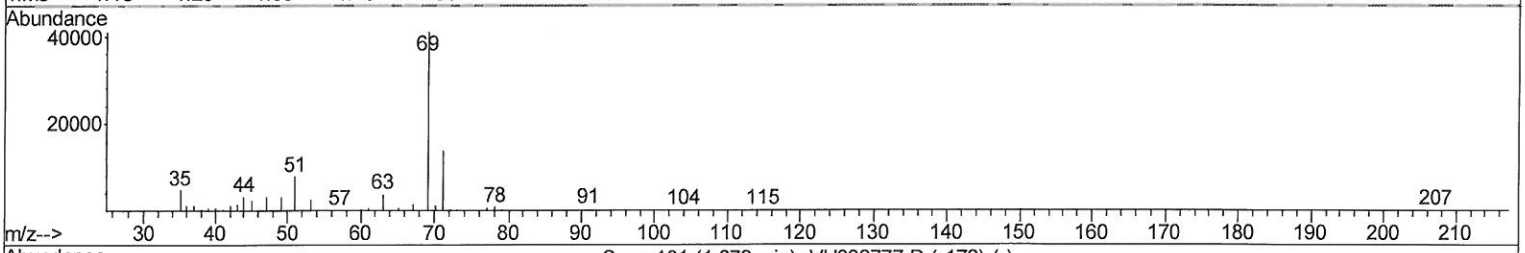
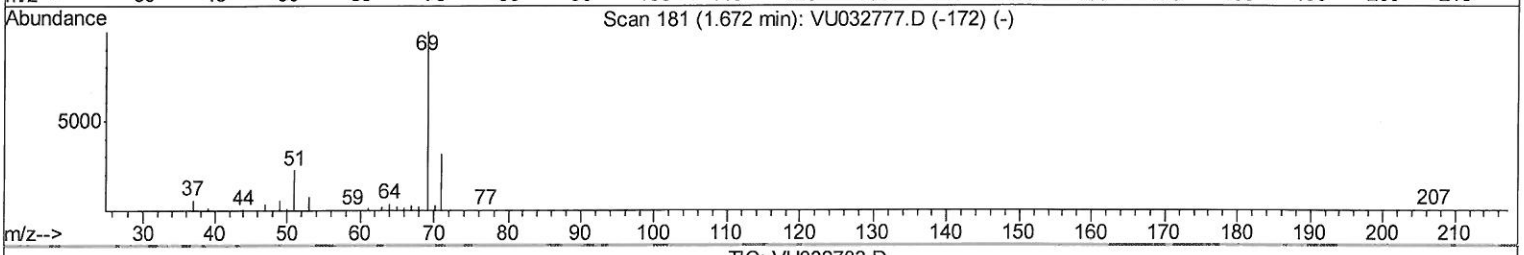
Instrument :
MSVOA_U
ClientSampleId :
C0JX7ME

Manual Integrations APPROVED
MMDadoda
6/18/2019 11:27:53 AM







TIC: VU032783.D

(7) Chloroethane-d5 (S)

1.637min (-0.036) 29.41ug/L m

response 42844

Ion	Exp%	Act%
69.00	100	100
71.00	31.30	0.16#
51.00	30.80	0.00#
0.00	0.00	0.00

MD 6/18/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\

Quantitation Report (QT/LSC Reviewed)

Data File : VU032783.D
Acq On : 17 Jun 2019 15:32
Operator : JC/SP
Sample : K3324-20ME
Misc : 4.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JX7ME

Manual Integrations APPROVED
MMDadoda
6/18/2019 11:27:53 AM

Quant Time: Jun 18 07:15:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	267280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	258664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142999	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	70722	38.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.44%			
7) Chloroethane-d5	1.64	69	42844m	29.41	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 58.82%#			
11) 1,1-Dichloroethene-d2	2.23	63	118465	32.19	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.38%			
21) 2-Butanone-d5	4.18	46	132994	87.48	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.48%			
24) Chloroform-d	4.64	84	145053	40.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.70%			
26) 1,2-Dichloroethane-d4	5.30	65	102261	43.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.46%			
32) Benzene-d6	5.32	84	293351	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%			
36) 1,2-Dichloropropane-d6	6.32	67	95313	44.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.74%			
41) Toluene-d8	7.56	98	275243	43.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.18%			
43) trans-1,3-Dichloropropene-	7.85	79	47822	42.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.60%			
47) 2-Hexanone-d5	8.31	63	94041	93.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.76%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148450	44.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.42%			
64) 1,2-Dichlorobenzene-d4	11.86	152	122643	44.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.64%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	67703	34.049	ug/L	99
34) Trichloroethene	6.17	95	277375	139.320	ug/L	99

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