Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

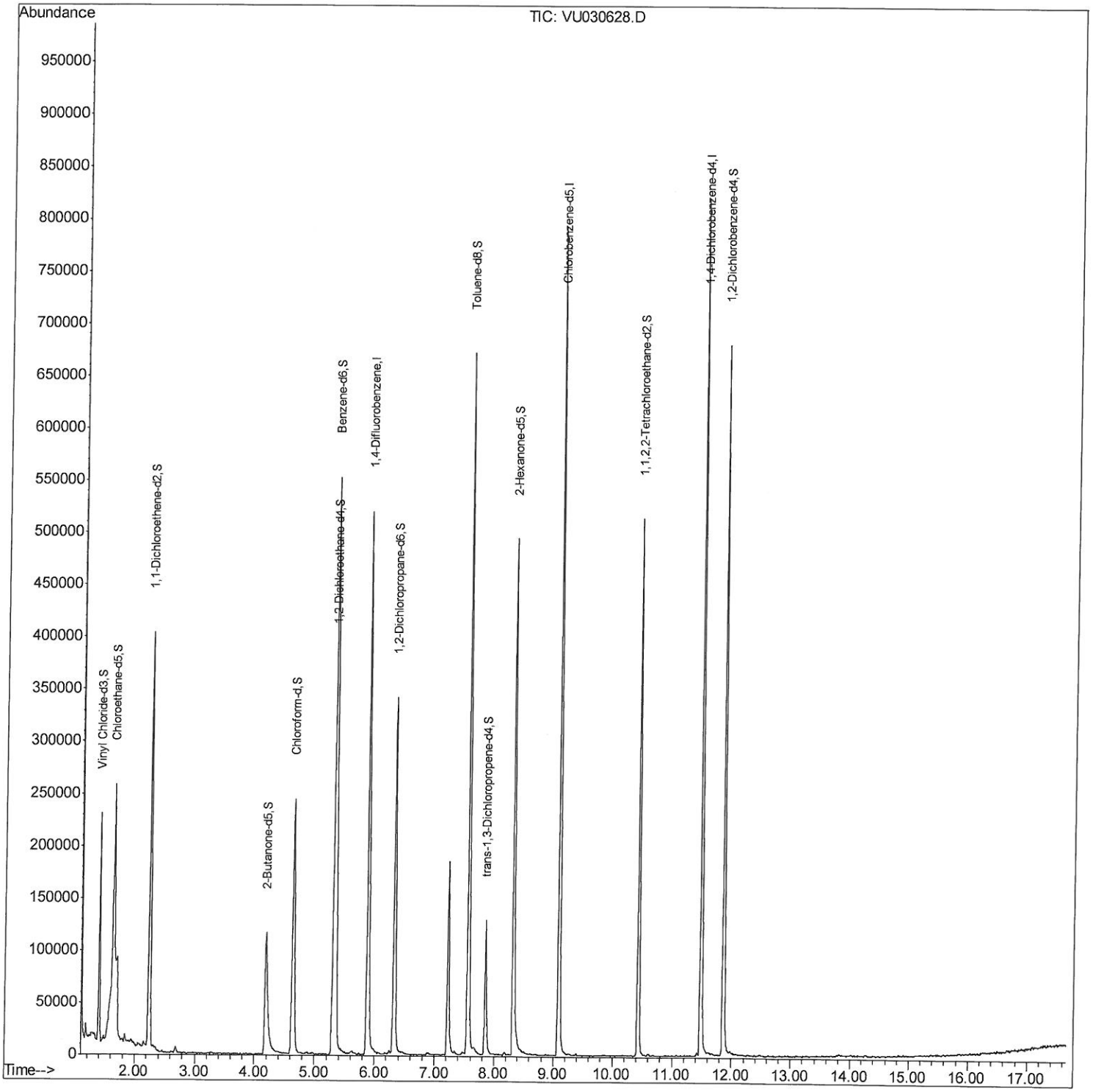
Quantitation Report (QT/LSC Reviewed)

Data File : VU030628.D
Acq On : 03 Apr 2019 15:38
Operator : JC/SP
Sample : K2119-14
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 04 07:06:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF5A9

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:54:01 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

Quantitation Report (Qedit)

Data File : VU030628.D
Acq On : 03 Apr 2019 15:38
Operator : JC/SP
Sample : K2119-14
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 04 06:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Instrument :
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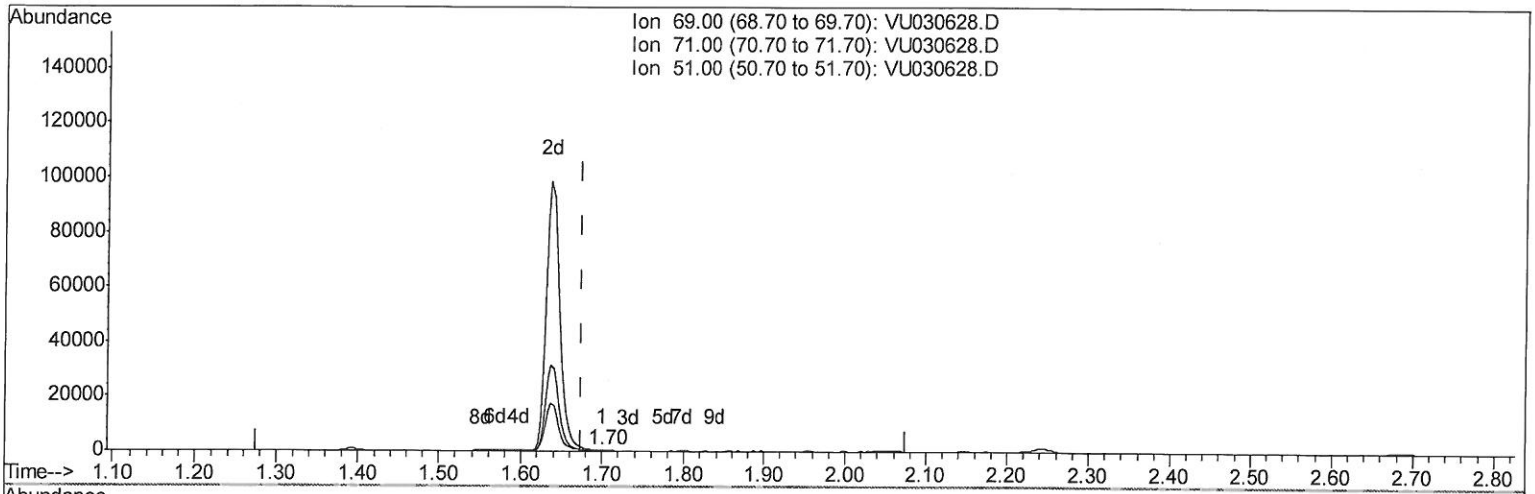
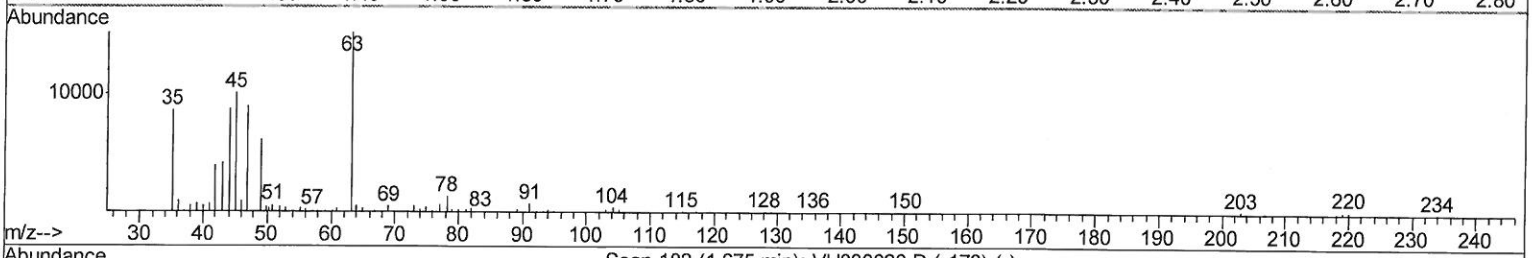
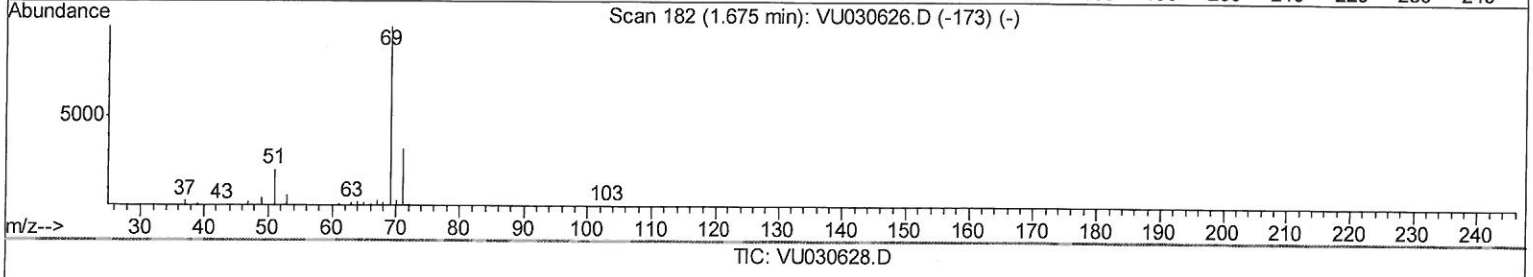
Manual Integrations APPROVED
MMDadoda
4/4/2019 11:54:01 AM







TIC: VU030628.D

(7) Chloroethane-d5 (S)

1.701min (+0.026) 0.17ug/L

response 477

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	27.88
51.00	28.60	82.39#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

Quantitation Report (Qedit)

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ClientSampleId :
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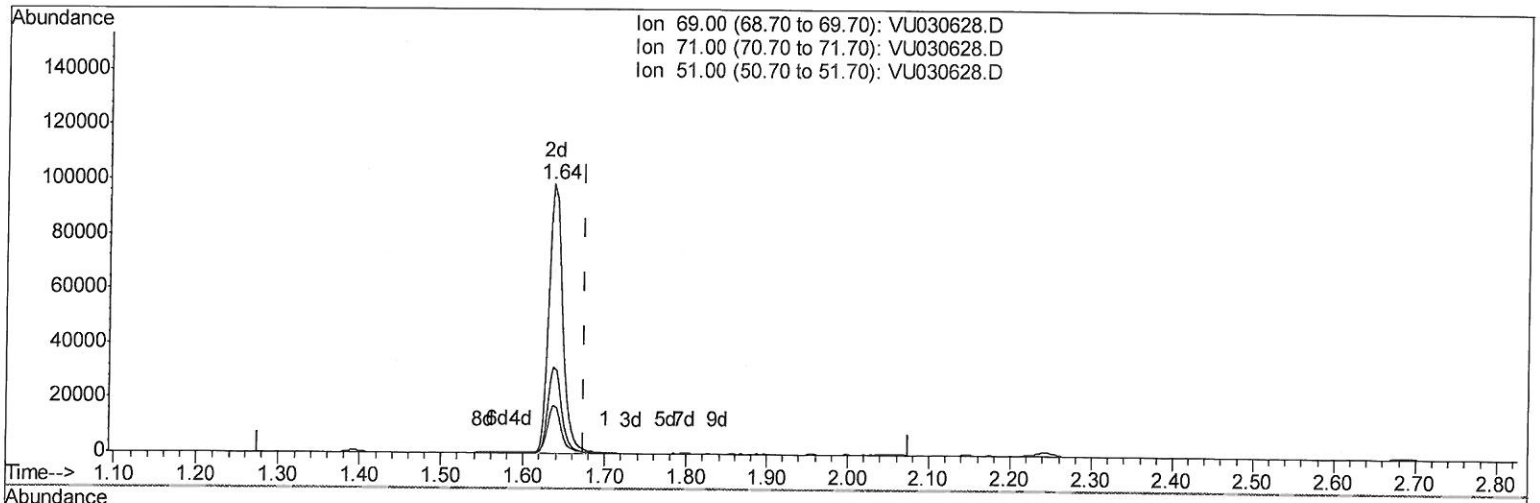
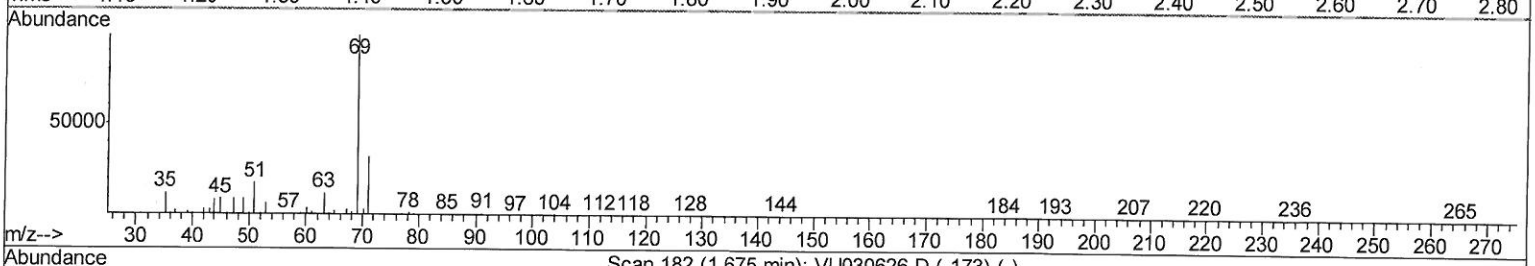
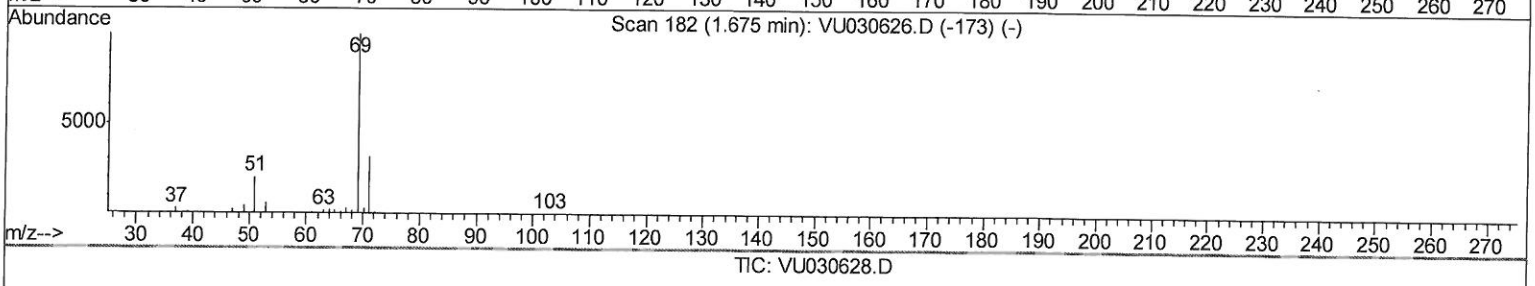
Manual Integrations APPROVED
MMDadoda
4/4/2019 11:54:01 AM







TIC: VU030628.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 41.24ug/L m

response 114077

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.12#
51.00	28.60	0.34#
0.00	0.00	0.00

>MQ
4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030628.D
Acq On : 03 Apr 2019 15:38
Operator : JC/SP
Sample : K2119-14
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5A9

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:54:01 AM

Quant Time: Apr 04 07:06:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	433675	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206972	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	160802	46.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.14%			
7) Chloroethane-d5	1.64	69	114077m	41.24	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.48%			
11) 1,1-Dichloroethene-d2	2.24	63	236704	35.75	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.50%			
21) 2-Butanone-d5	4.19	46	247804	75.53	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 75.53%			
24) Chloroform-d	4.64	84	246330	40.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.92%			
26) 1,2-Dichloroethane-d4	5.30	65	172909	43.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.88%			
32) Benzene-d6	5.33	84	527467	42.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.76%			
36) 1,2-Dichloropropane-d6	6.32	67	178728	41.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.96%			
41) Toluene-d8	7.56	98	448508	40.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.26%			
43) trans-1,3-Dichloropropene-	7.85	79	80452	40.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.36%			
47) 2-Hexanone-d5	8.32	63	175482	76.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.05%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265028	43.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	175443	42.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.62%			

Target Compounds Qvalue

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

→ MD 4/6/19