Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

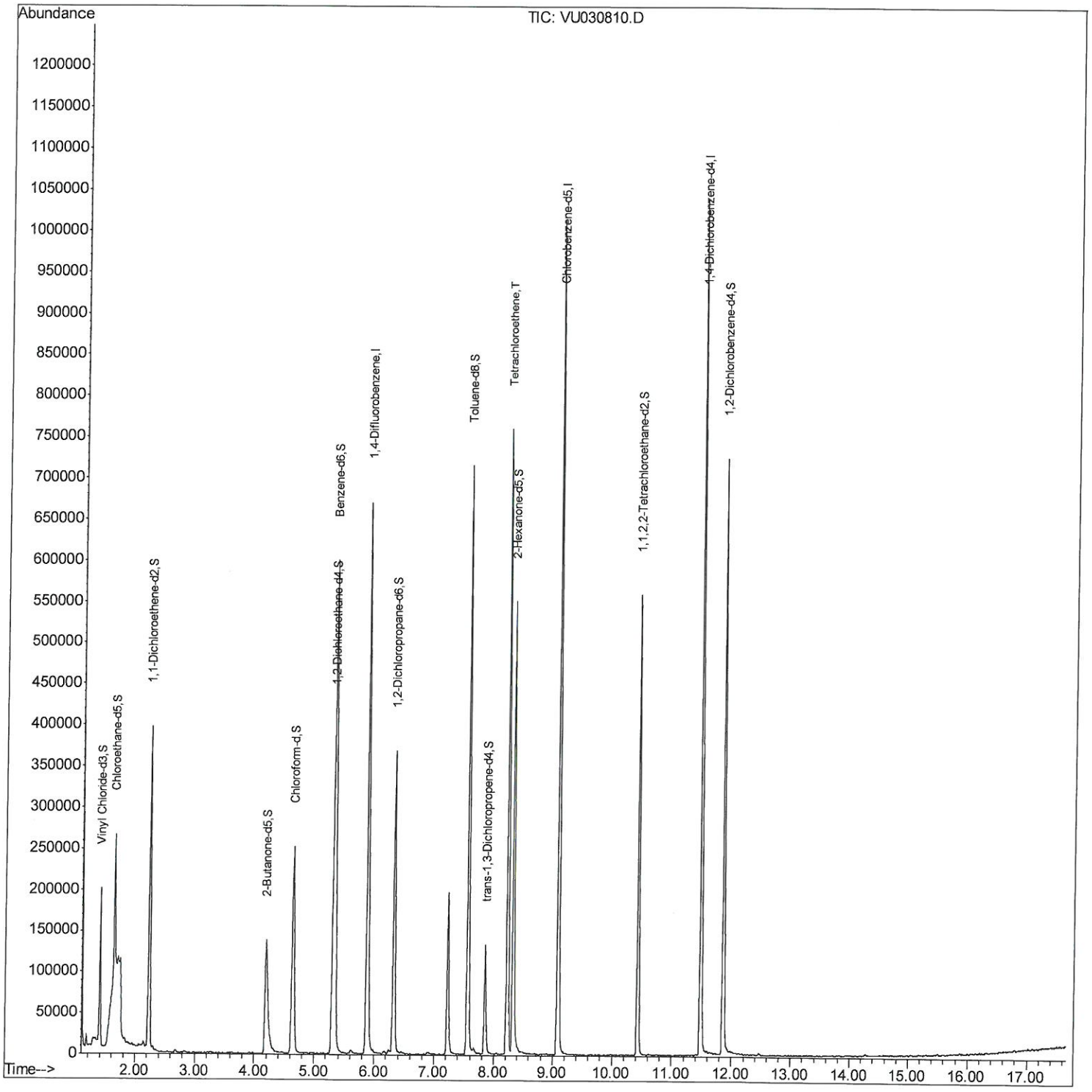
Quantitation Report (QT Reviewed)

Data File : VU030810.D
Acq On : 06 Apr 2019 18:58
Operator : JC/SP
Sample : K2277-05ME
Misc : 5.37g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 08 06:44:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF167ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:27 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Qedit)

Data File : VU030810.D
Acq On : 06 Apr 2019 18:58
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Quant Title : VOC Analysis
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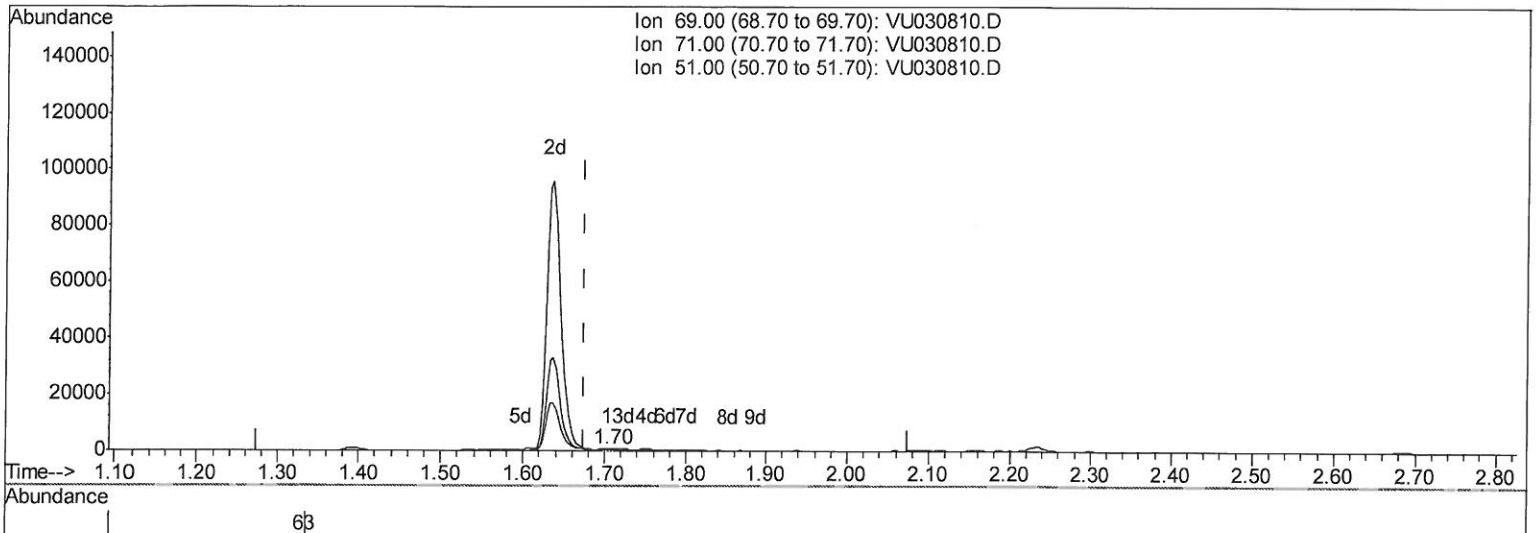
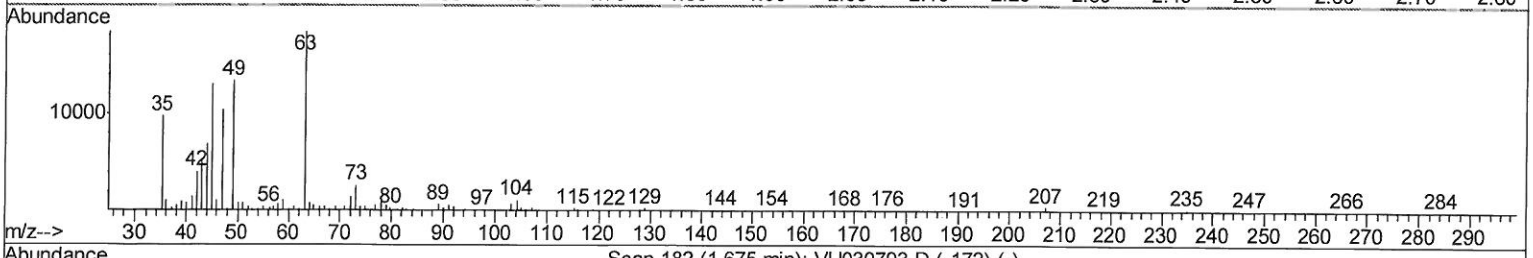
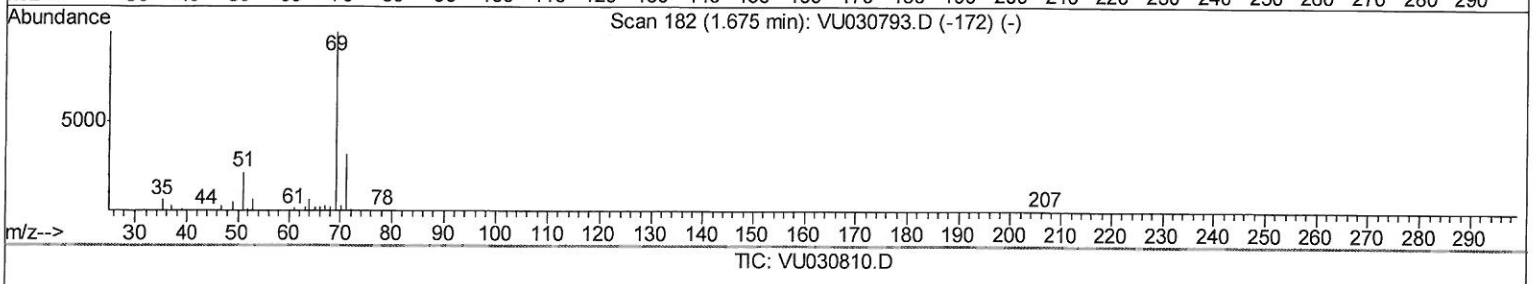
MMDadoda
4/10/2019 1:52:27 PM







TIC: VU030810.D

(7) Chloroethane-d5 (S)

1.704min (+0.029) 0.07ug/L

response 278

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	92.09#
51.00	27.70	261.51#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Qedit)

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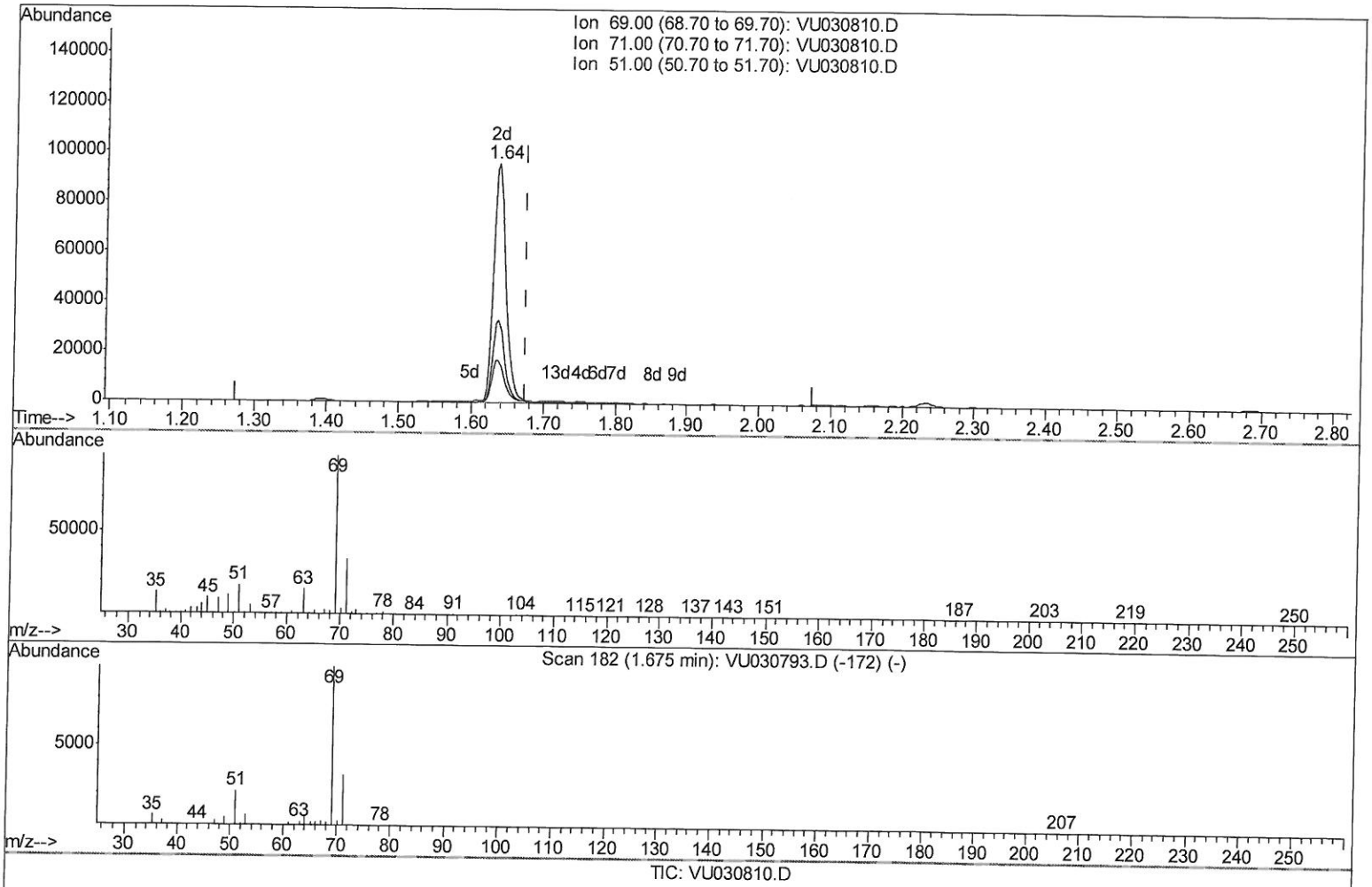
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF167ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:27 PM



(7) Chloroethane-d5 (S)

1.637min (-0.039) 29.62ug/L m

response 112654

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.23#
51.00	27.70	0.65#
0.00	0.00	0.00

→ MD 4/10/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (QT Reviewed)

Data File : VU030810.D
Acq On : 06 Apr 2019 18:58
Operator : JC/SP
Sample : K2277-05ME
Misc : 5.37g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF167ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:27 PM

Quant Time: Apr 08 06:44:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	561280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	556856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	261049	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	144978	28.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.88%#		
7) Chloroethane-d5	1.64	69	112654m	29.62	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	59.24%#		
11) 1,1-Dichloroethene-d2	2.23	63	232288	25.63	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.26%#		
21) 2-Butanone-d5	4.19	46	286714	72.20	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.20%		
24) Chloroform-d	4.64	84	258041	33.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.42%#		
26) 1,2-Dichloroethane-d4	5.30	65	191178	36.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.22%		
32) Benzene-d6	5.33	84	565113	34.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.52%#		
36) 1,2-Dichloropropane-d6	6.32	67	194943	34.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	69.98%#		
41) Toluene-d8	7.56	98	468357	32.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	65.00%#		
43) trans-1,3-Dichloropropene-	7.85	79	82760	32.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.16%		
47) 2-Hexanone-d5	8.32	63	203242	79.82	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.82%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283839	37.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.54%		
64) 1,2-Dichlorobenzene-d4	11.86	152	181091	35.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.54%#		
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	160983	49.542	ug/L	96

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

> MO 4/10/19