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

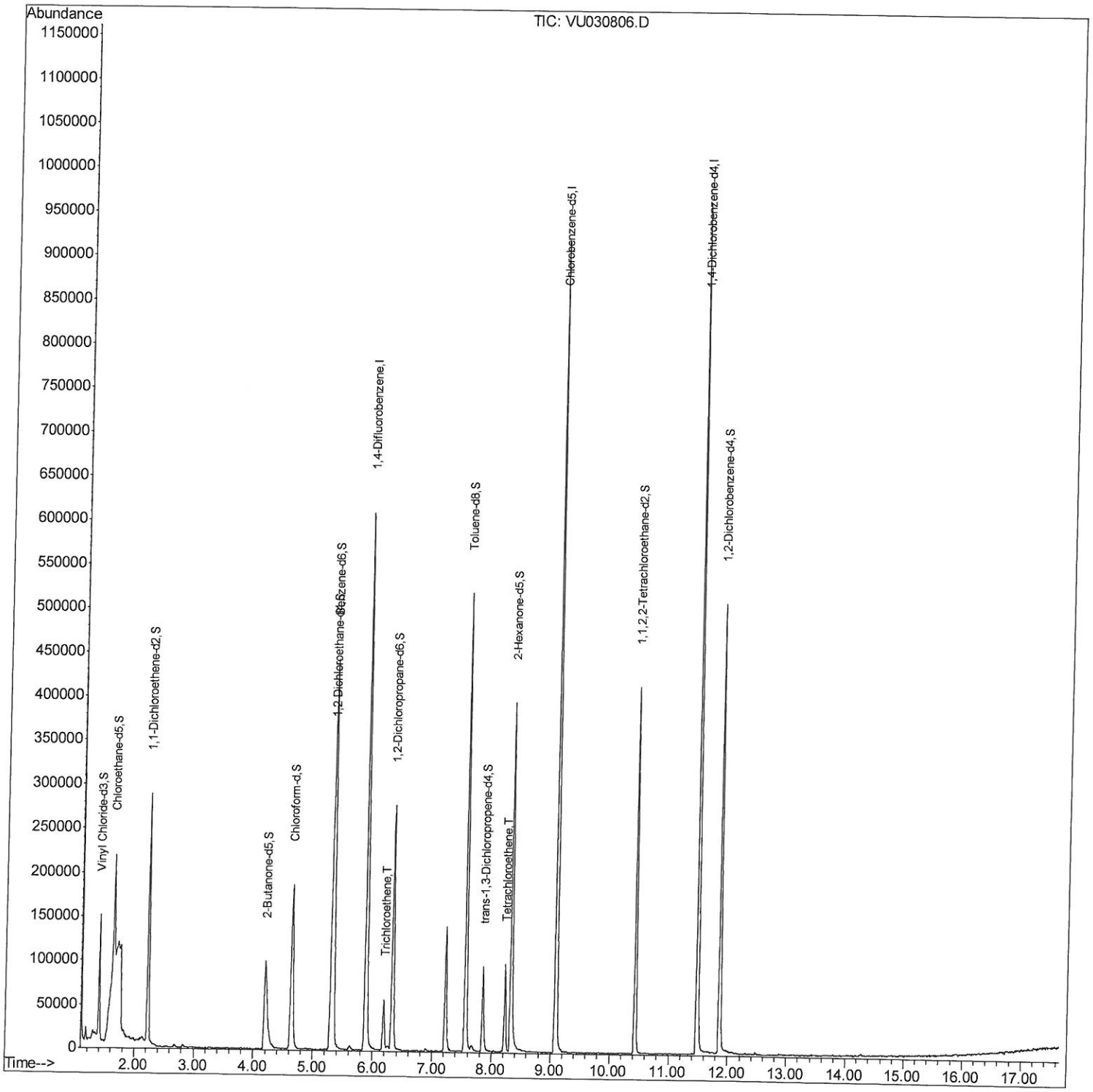
Quantitation Report (QT Reviewed)

Data File : VU030806.D
Acq On : 06 Apr 2019 17:26
Operator : JC/SP
Sample : K2277-11ME
Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 08 06:24:39 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 :
BF174ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:42 PM



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

Quantitation Report (Qedit)

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Acq On : 06 Apr 2019 17:26
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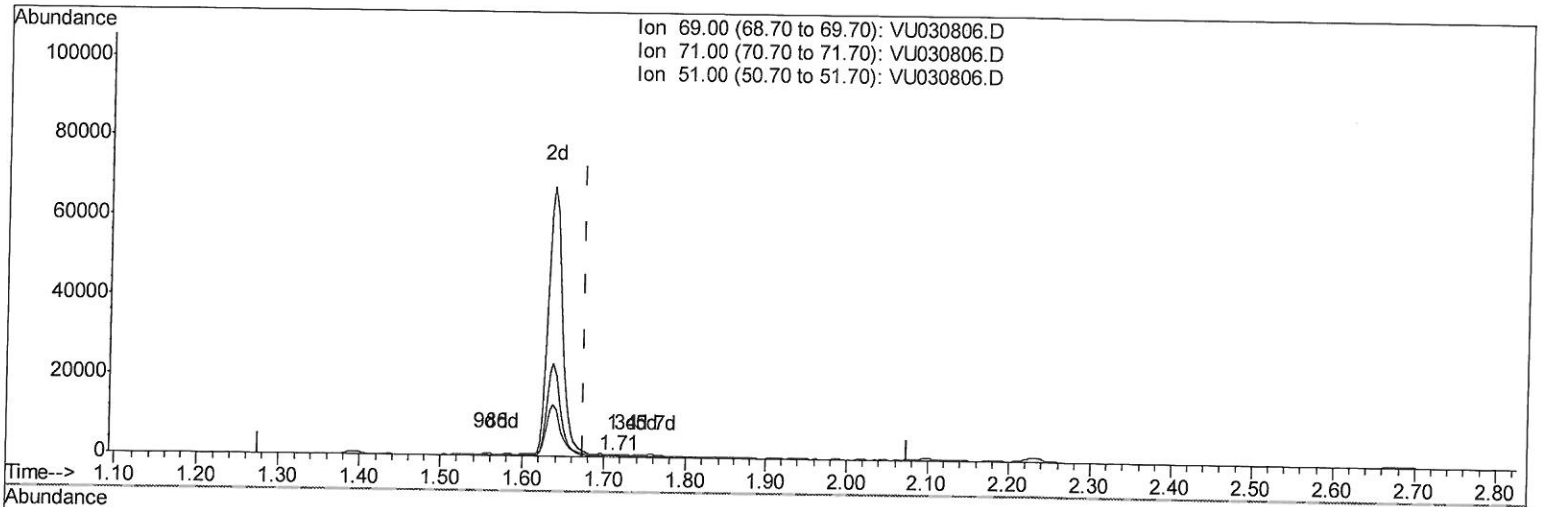
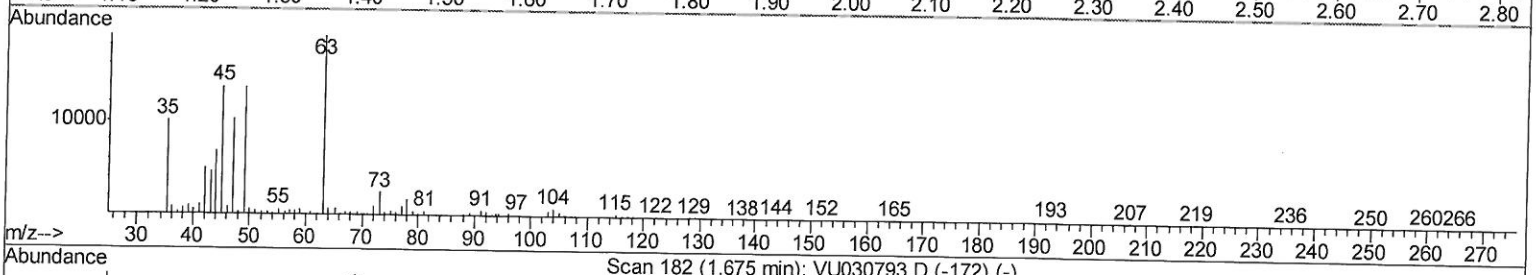
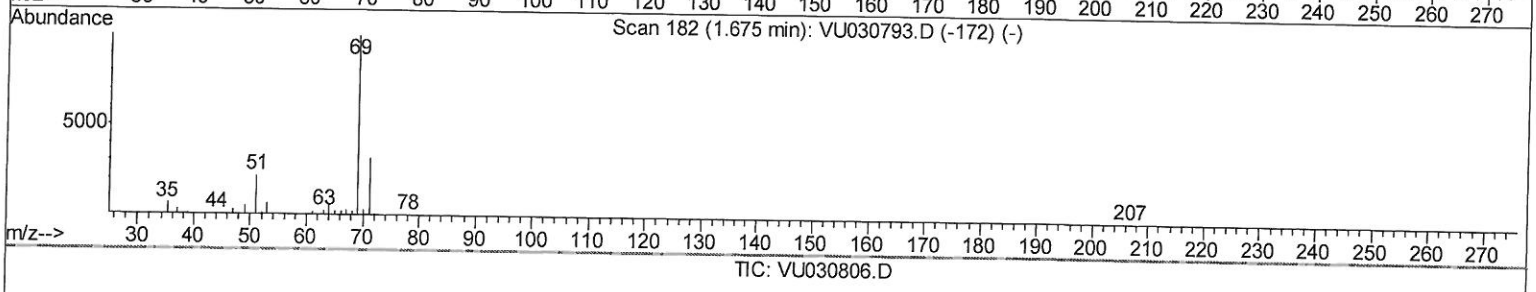
MMDadoda
4/10/2019 1:52:42 PM







TIC: VU030806.D

(7) Chloroethane-d5 (S)

1.711min (+0.035) 0.06ug/L

response 216

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	53.70#
51.00	27.70	136.57#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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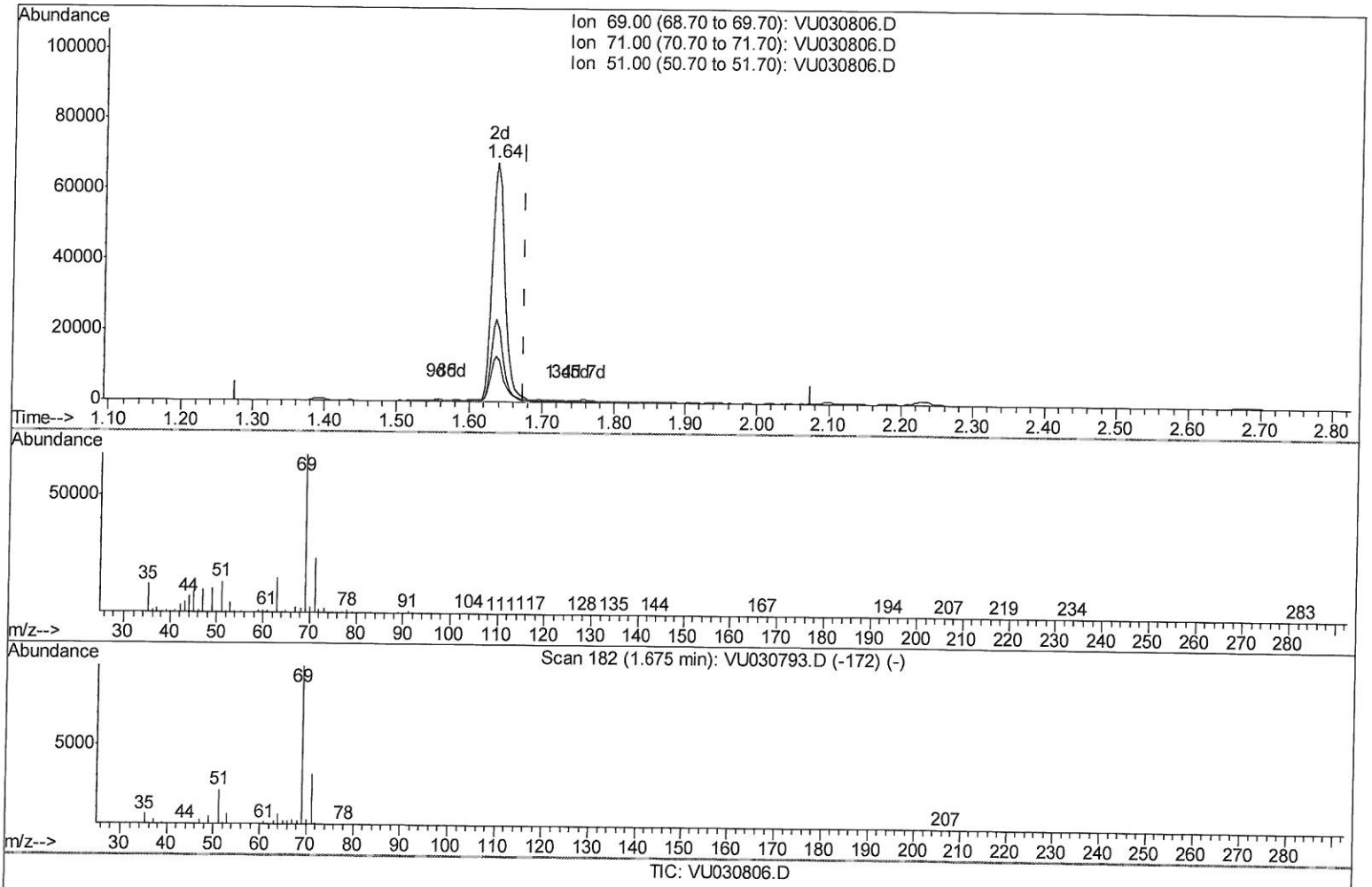
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF174ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:42 PM



(7) Chloroethane-d5 (S)

1.637min (-0.039) 23.39ug/L m

response 82008

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.14#
51.00	27.70	0.36#
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 : VU030806.D
Acq On : 06 Apr 2019 17:26
Operator : JC/SP
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Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
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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 : BF174ME

Manual Integrations APPROVED
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4/10/2019 1:52:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	517499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240669	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	109251	23.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 47.30%#			
7) Chloroethane-d5	1.64	69	82008m	23.39	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 46.78%#			
11) 1,1-Dichloroethene-d2	2.23	63	172766	20.68	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 41.36%#			
21) 2-Butanone-d5	4.19	46	205532	56.14	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 56.14%			
24) Chloroform-d	4.64	84	192464	27.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 54.54%#			
26) 1,2-Dichloroethane-d4	5.30	65	144065	29.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 59.84%#			
32) Benzene-d6	5.33	84	411225	27.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 55.22%#			
36) 1,2-Dichloropropane-d6	6.32	67	145745	28.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 57.10%#			
41) Toluene-d8	7.56	98	346857	26.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 52.54%#			
43) trans-1,3-Dichloropropene-	7.85	79	65365	28.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.16%#			
47) 2-Hexanone-d5	8.32	63	144975	62.14	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 62.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	214760	31.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 62.38%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	136809	28.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 57.80%#			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	21183	5.173	ug/L	96
46) Tetrachloroethene	8.22	164	21256	7.139	ug/L	96

MD 4/10/19

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