

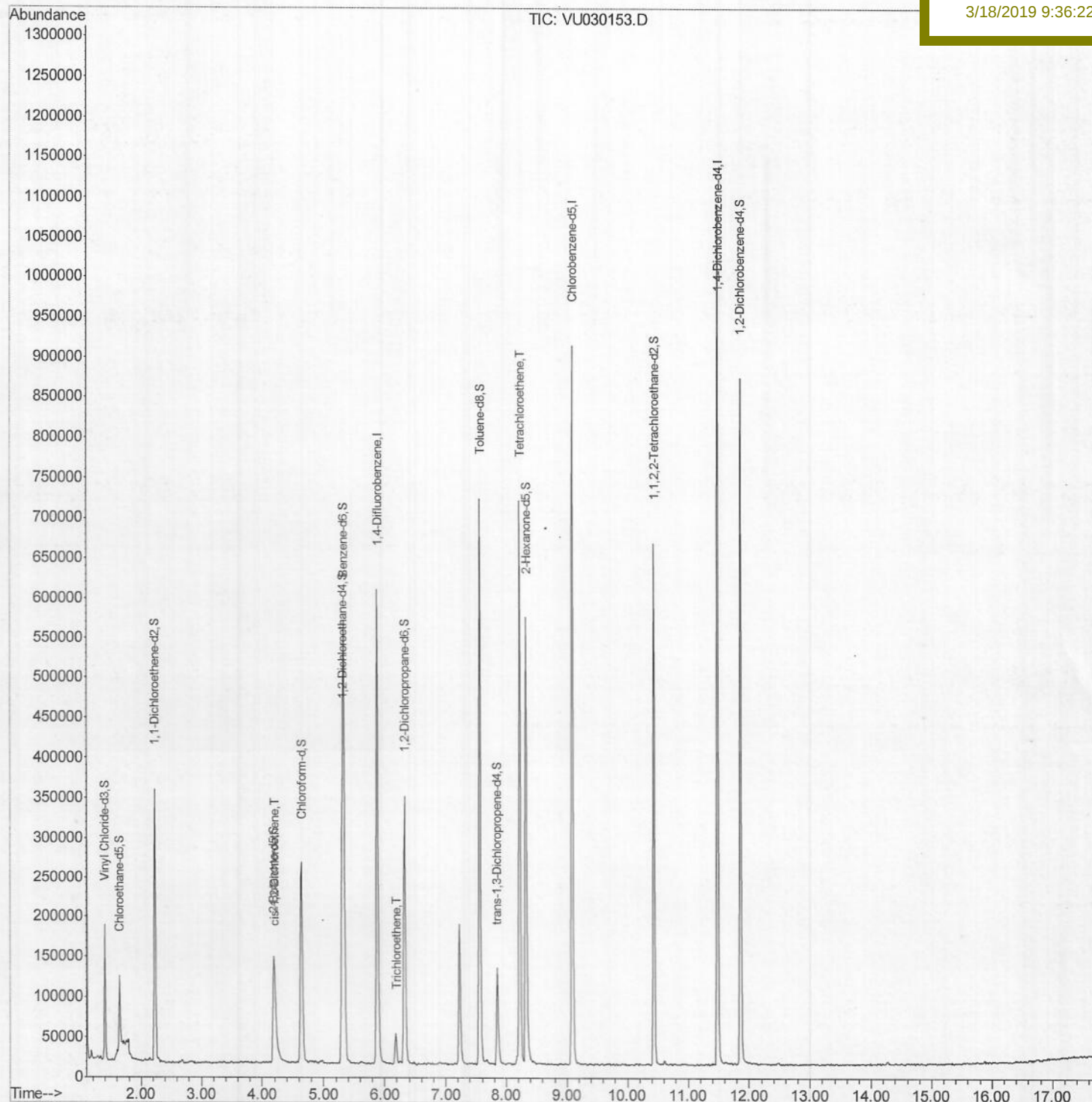
Data File : VU030153.D
Acq On : 16 Mar 2019 18:26
Operator : JC/SP
Sample : K1936-14
Misc : 4.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 18 05:56:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampled :
BF0X2

Manual Integrations
APPROVED

MMDadoda
3/18/2019 9:36:22 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\
Quantitation Report (Qedit)

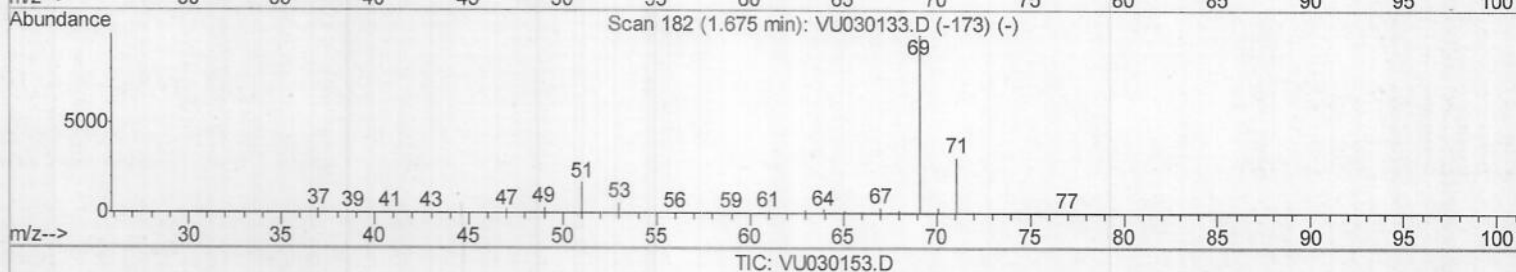
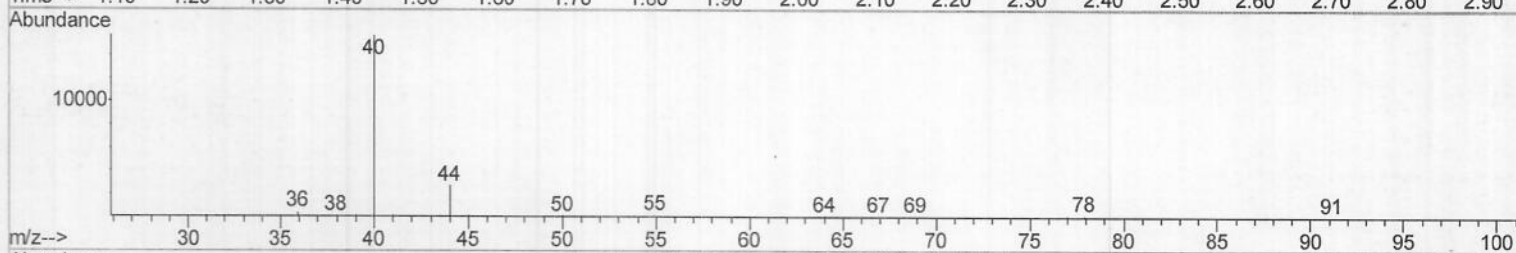
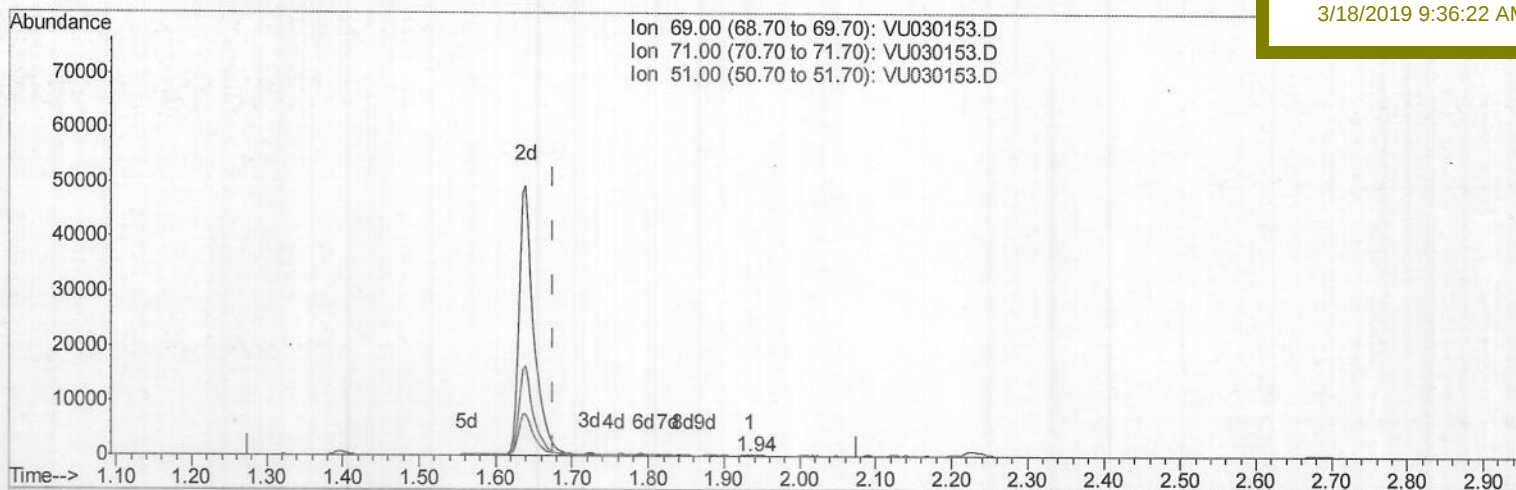
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(7) Chloroethane-d5 (S)

1.936min (+0.260) 0.03ug/L

response 101

Ion	Exp%	Act%
69.00	100	100
71.00	33.20	39.60
51.00	23.60	23.76
0.00	0.00	0.00

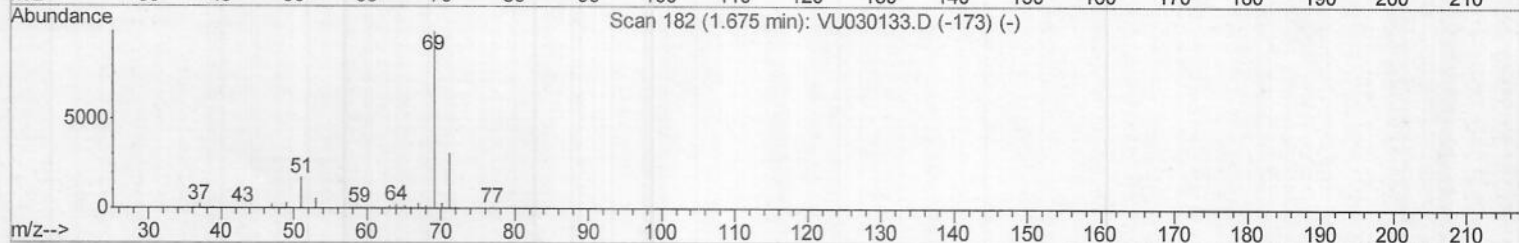
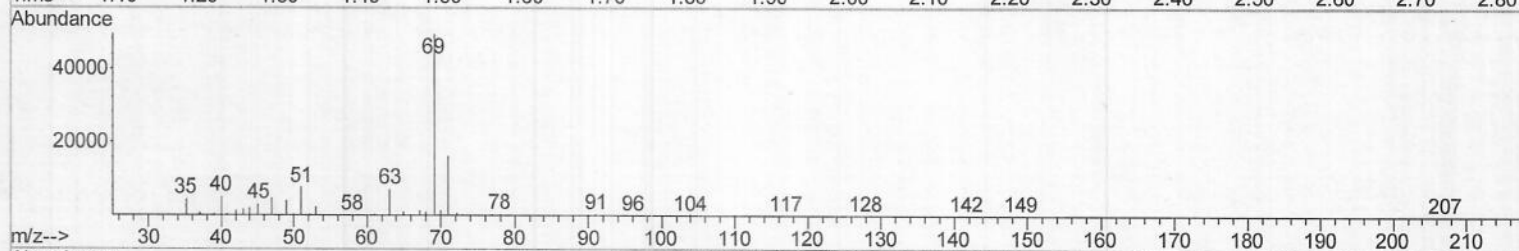
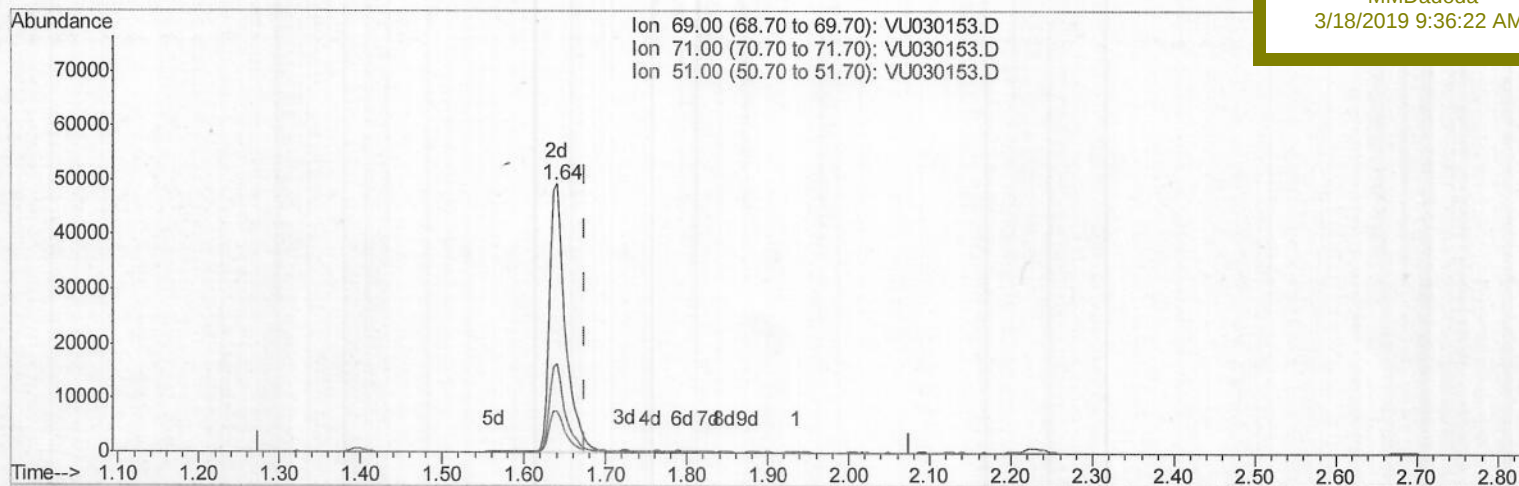
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Manual Integrations
APPROVED

MMDadoda
3/18/2019 9:36:22 AM



TIC: VU030153.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 21.46ug/L m

response 65350

Ion Exp% Act%

69.00 100 100

71.00 33.20 0.06#

51.00 23.60 0.04#

0.00 0.00 0.00

M.D
03/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (QT Reviewed)

Data File : VU030153.D

Acq On : 16 Mar 2019 18:26

Operator : JC/SP

Sample : K1936-14

Misc : 4.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 22 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

BF0X2

Manual Integrations

APPROVED

MMDadoda

3/18/2019 9:36:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	570404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	306284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	133129	35.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.58%		
7) Chloroethane-d5	1.64	69	65350m	21.46	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.92%#		
11) 1,1-Dichloroethene-d2	2.23	63	188636	27.70	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.40%#		
21) 2-Butanone-d5	4.19	46	267115	94.49	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.49%		
24) Chloroform-d	4.64	84	270493	39.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.94%		
26) 1,2-Dichloroethane-d4	5.30	65	164895	42.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.34%		
32) Benzene-d6	5.33	84	573572	38.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.18%		
36) 1,2-Dichloropropane-d6	6.32	67	184932	40.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.30%		
41) Toluene-d8	7.56	98	514300	36.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.90%#		
43) trans-1,3-Dichloropropene-	7.85	79	83210	37.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.52%		
47) 2-Hexanone-d5	8.32	63	242073	95.10	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.10%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332964	47.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.26%		
64) 1,2-Dichlorobenzene-d4	11.86	152	252483	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.10%		

Target Compounds

					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	5236	1.181 ug/L	94
34) Trichloroethene	6.18	95	13477	3.112 ug/L	92
46) Tetrachloroethene	8.22	164	170345	44.948 ug/L	98

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