

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040519\
Data File : VU030732.D
Acq On : 05 Apr 2019 10:51
Operator : JC/SP
Sample : K2271-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 08 12:22:16 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 23:39:17 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

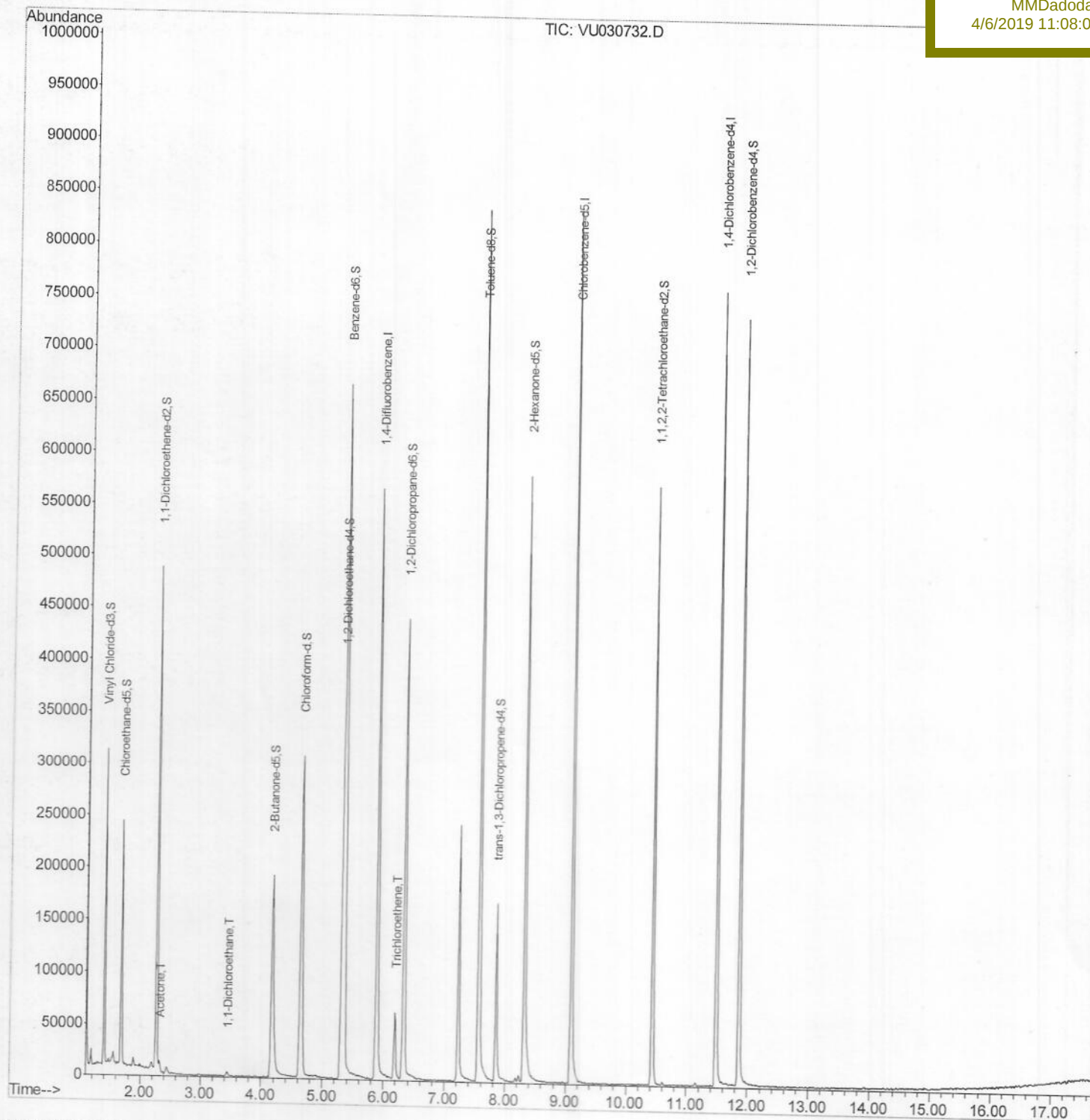
DB7E1

Manual Integrations

APPROVED

MMDadoda

4/6/2019 11:08:04 AM



Quantitation Report (Qedit)

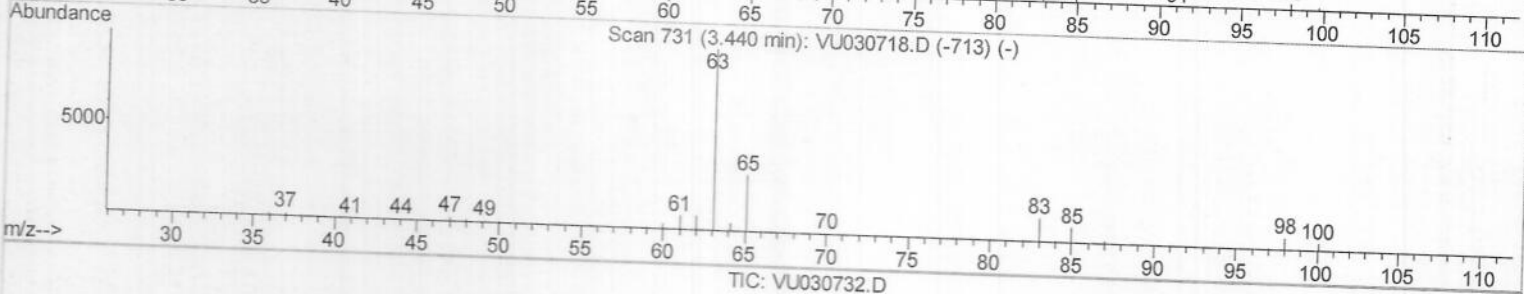
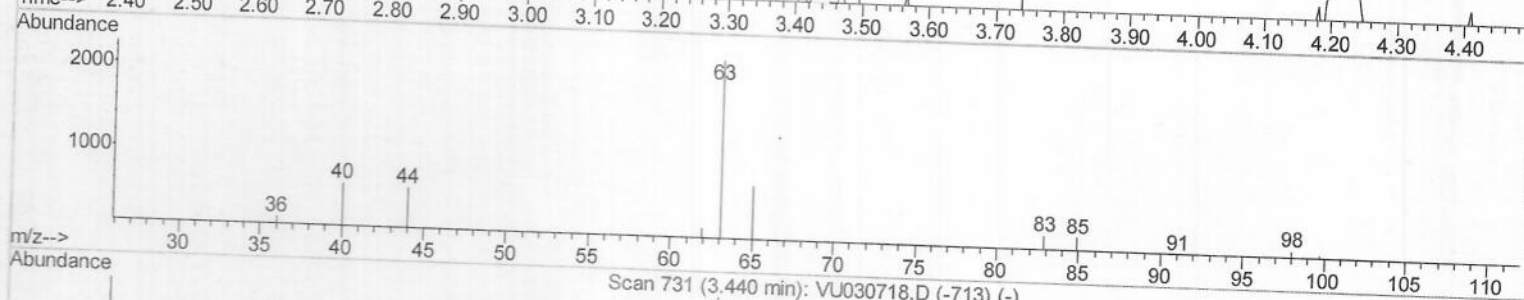
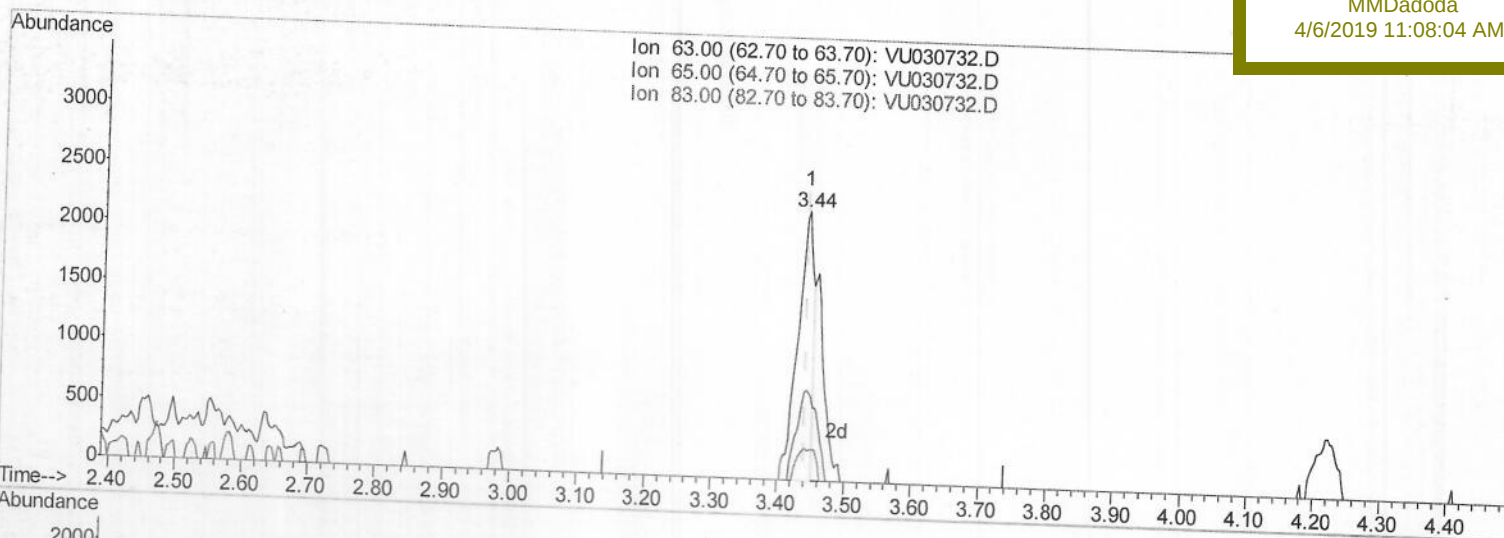
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(19) 1,1-Dichloroethane (T)

3.441min (+0.000) 0.49ug/L

response 3444

Ion	Exp%	Act%
63.00	100	100
65.00	30.60	33.14
83.00	12.10	11.89
0.00	0.00	0.00

Quantitation Report (Qedit)

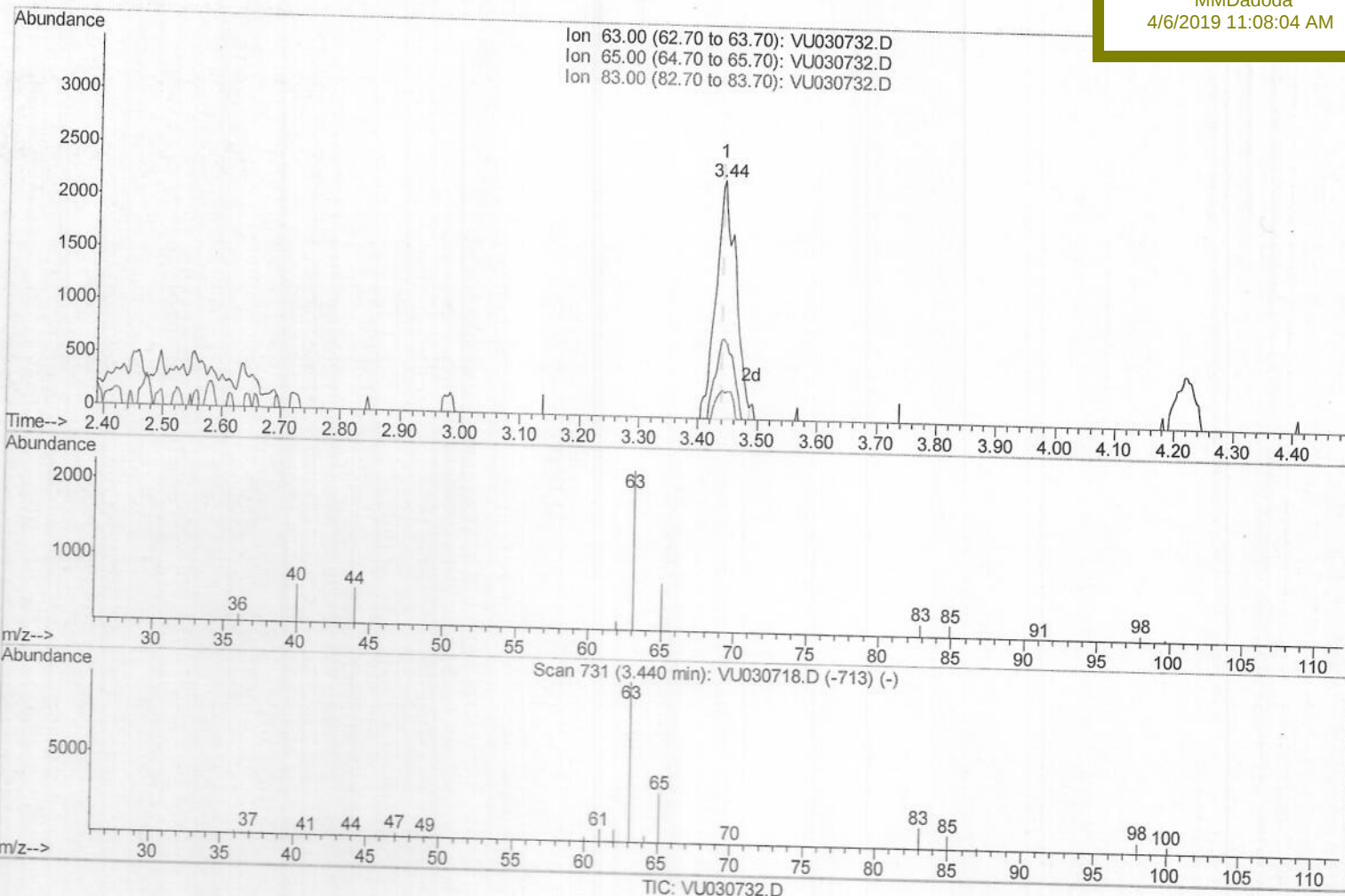
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MMDadoda
 4/6/2019 11:08:04 AM



(19) 1,1-Dichloroethane (T)

3.441min (+0.000) 0.73ug/L m

response 5176

Ion	Exp%	Act%
63.00	100	100
65.00	30.60	33.14
83.00	12.10	11.89
0.00	0.00	0.00

M.D
 04/22/19

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Manual Integrations
 APPROVED

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 4/6/2019 11:08:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	466674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195341	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	203089	48.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.50%		
7) Chloroethane-d5	1.68	69	163424	51.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.38%		
11) 1,1-Dichloroethene-d2	2.27	63	287118	38.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.22%		
21) 2-Butanone-d5	4.17	46	333186	100.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.91%		
24) Chloroform-d	4.64	84	306302	48.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.26%		
26) 1,2-Dichloroethane-d4	5.30	65	222168	51.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.32%		
32) Benzene-d6	5.34	84	648546	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.06%		
36) 1,2-Dichloropropane-d6	6.32	67	232445	50.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.50%		
41) Toluene-d8	7.56	98	566975	47.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.72%		
43) trans-1,3-Dichloropropene-	7.85	79	102159	48.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.84%		
47) 2-Hexanone-d5	8.31	63	203937	97.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.43%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300859	48.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.40%		
64) 1,2-Dichlorobenzene-d4	11.85	152	195190	50.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.62%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	8022	2.374	ug/L	94
19) 1,1-Dichloroethane	3.44	63	5176m	0.732	ug/L	
34) Trichloroethene	6.19	95	23356	6.357	ug/L	98

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

M.D
 04/22/19