

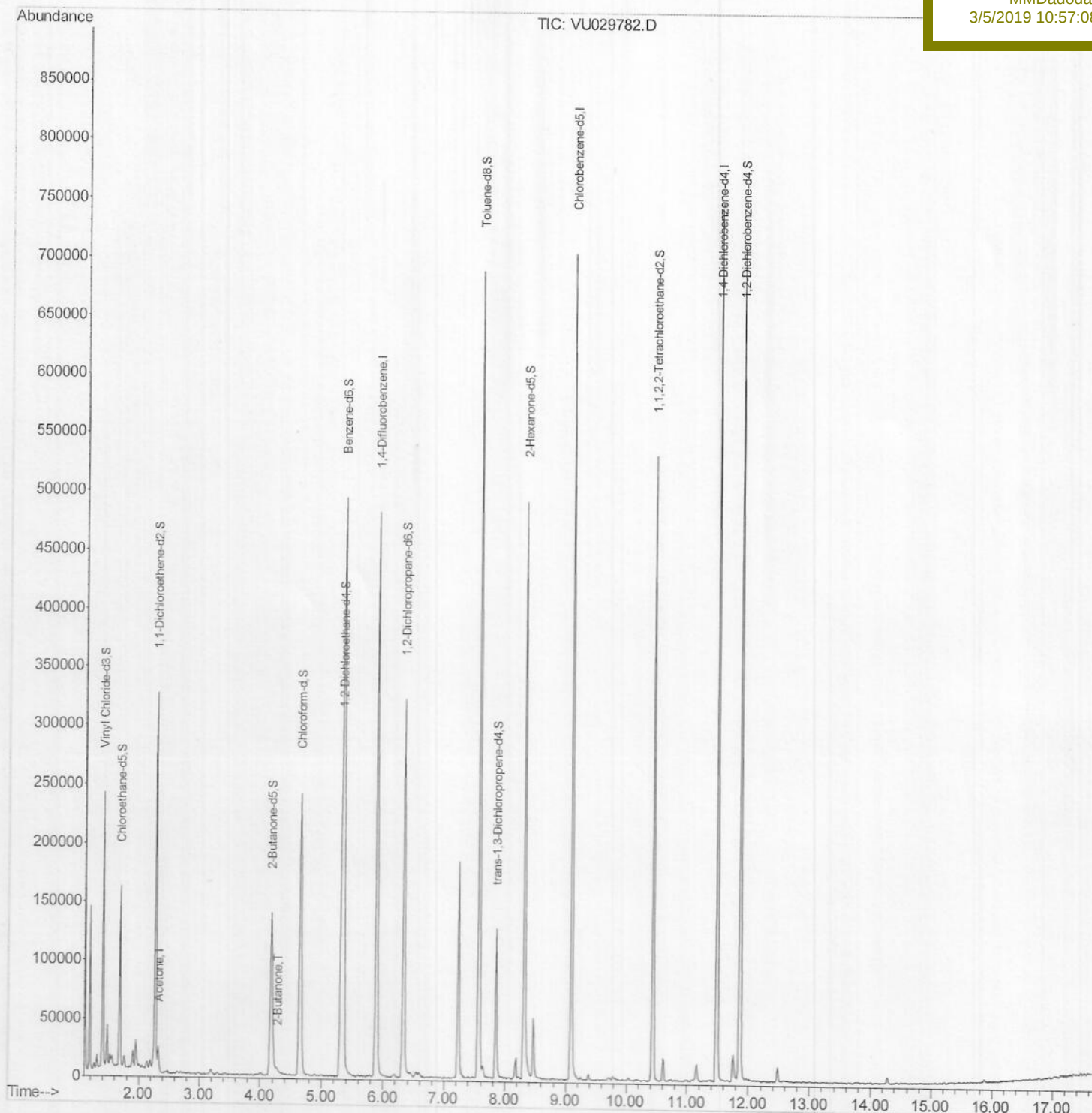
Data File : VU029782.D
Acq On : 04 Mar 2019 14:01
Operator : JC/SP
Sample : K1657-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 05 01:10:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampled :
DB658

Manual Integrations
APPROVED

MMDadoda
3/5/2019 10:57:08 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\
Quantitation Report (Qedit)

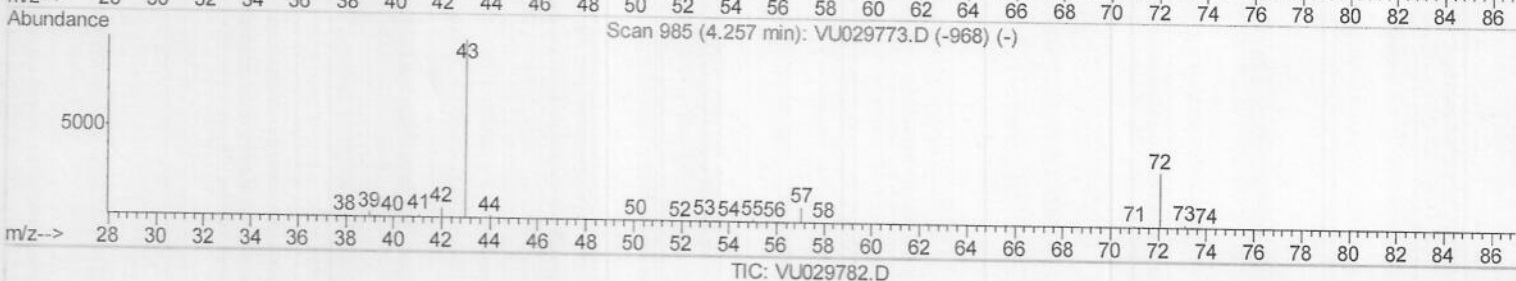
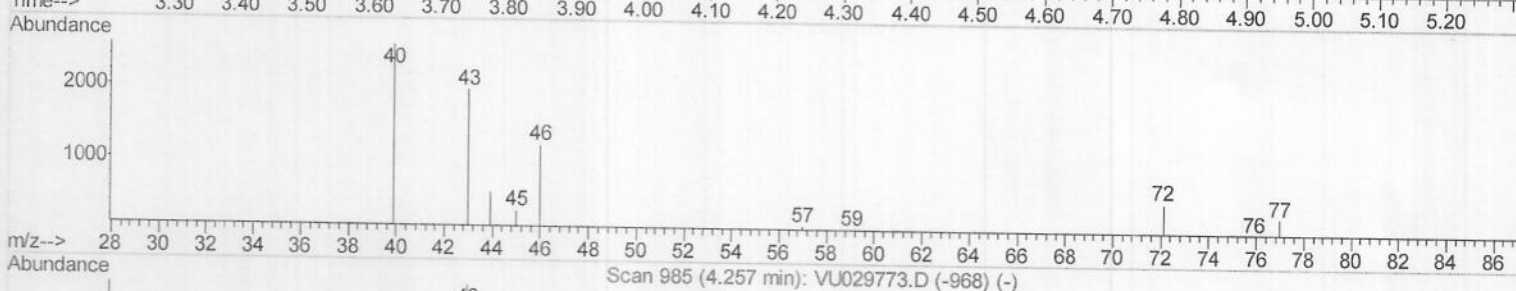
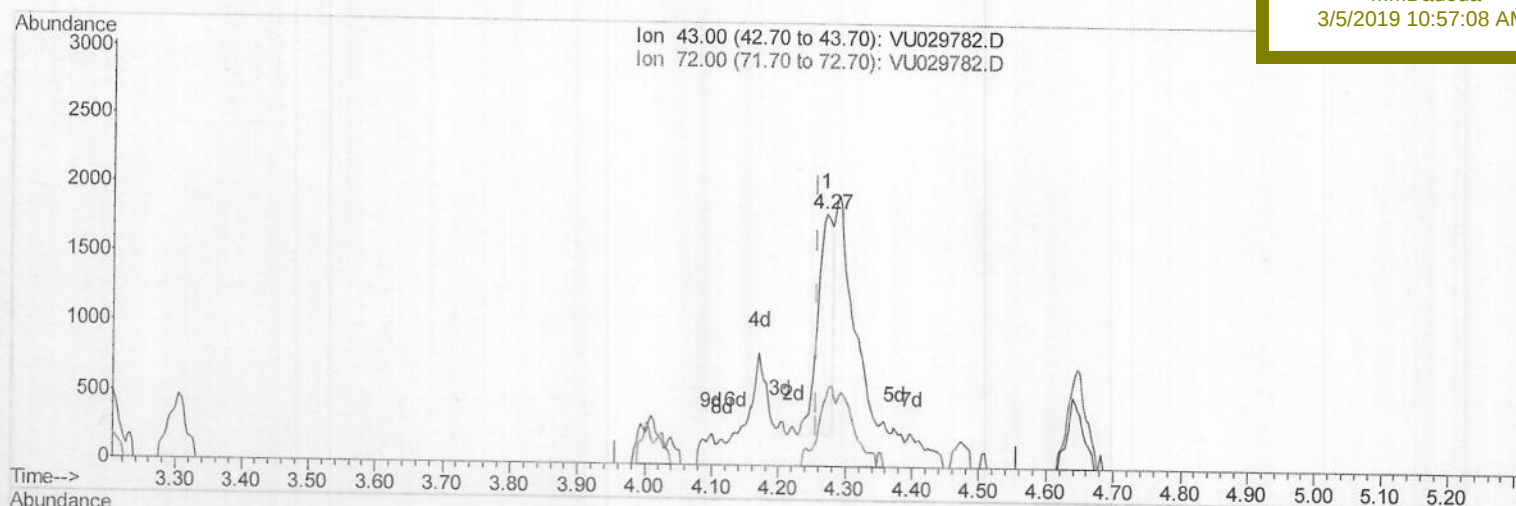
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(22) 2-Butanone (T)

4.270min (+0.013) 1.04ug/L

response 2479

Ion	Exp%	Act%
43.00	100	100
72.00	30.40	37.43
0.00	0.00	0.00
0.00	0.00	0.00

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MSVOA_U

ClientSampleId :

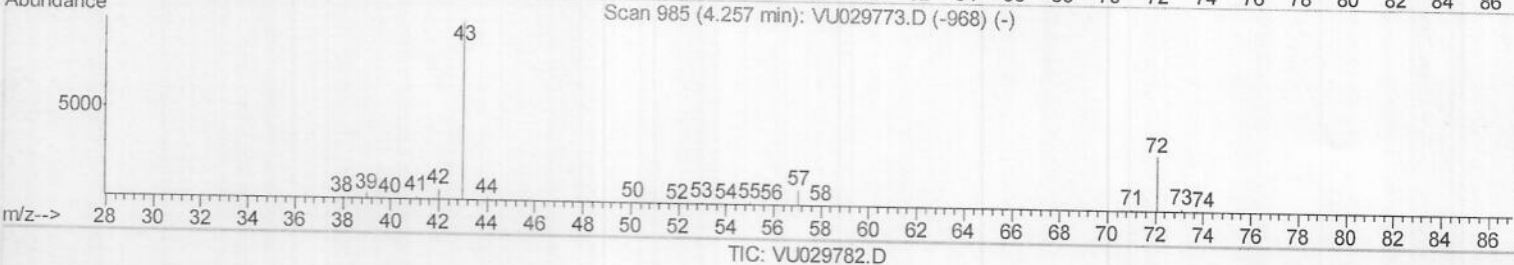
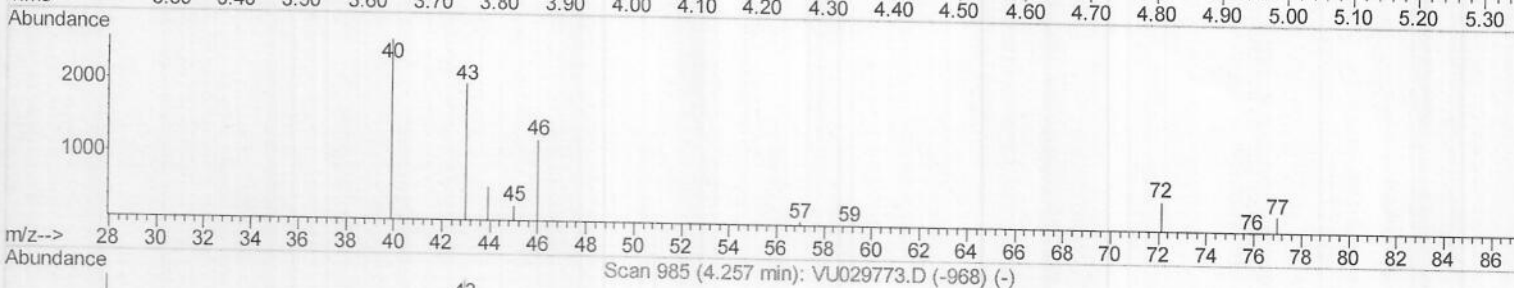
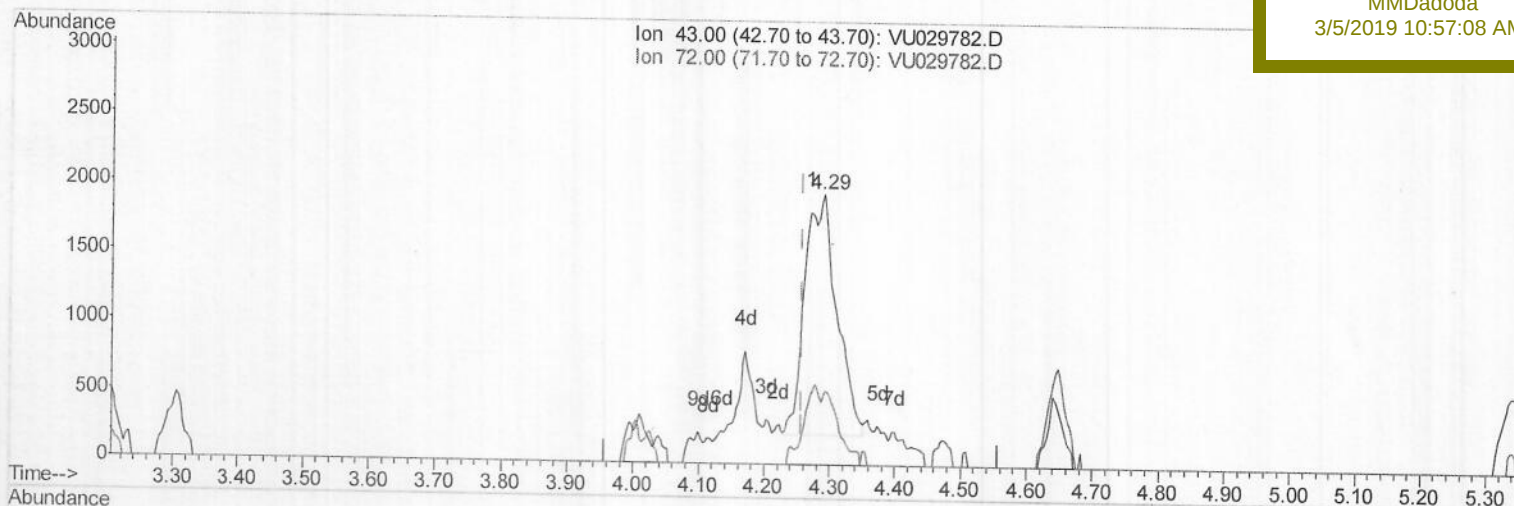
DB658

Manual Integrations

APPROVED

MMDadoda

3/5/2019 10:57:08 AM



(22) 2-Butanone (T)

4.289min (+0.032) 2.45ug/L m

response 5857

Ion	Exp%	Act%
43.00	100	100
72.00	30.40	15.84
0.00	0.00	0.00
0.00	0.00	0.00

m.d
03/07/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\

Quantitation Report (QT Reviewed)

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Acq On : 04 Mar 2019 14:01

Operator : JC/SP

Sample : K1657-13

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Mar 05 00:37:02 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

DB658

Manual Integrations

APPROVED

MMDadoda

3/5/2019 10:57:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119941	37.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.58%		
7) Chloroethane-d5	1.68	69	109367	38.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.48%		
11) 1,1-Dichloroethene-d2	2.27	63	175990	27.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.98%#		
21) 2-Butanone-d5	4.17	46	220146	112.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.46%		
24) Chloroform-d	4.64	84	247625	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.92%		
26) 1,2-Dichloroethane-d4	5.31	65	153576	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.98%		
32) Benzene-d6	5.34	84	527553	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.70%		
36) 1,2-Dichloropropane-d6	6.33	67	165328	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.80%		
41) Toluene-d8	7.56	98	481519	44.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.28%		
43) trans-1,3-Dichloropropene-	7.85	79	75536	44.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.56%		
47) 2-Hexanone-d5	8.31	63	181218	101.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.18%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	264572	48.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.36%		
64) 1,2-Dichlorobenzene-d4	11.86	152	209763	45.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.48%		

Target Compounds

13) Acetone	2.32	43	21665	10.357	ug/L	Qvalue 97
22) 2-Butanone	4.29	43	5857m	2.453	ug/L	

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