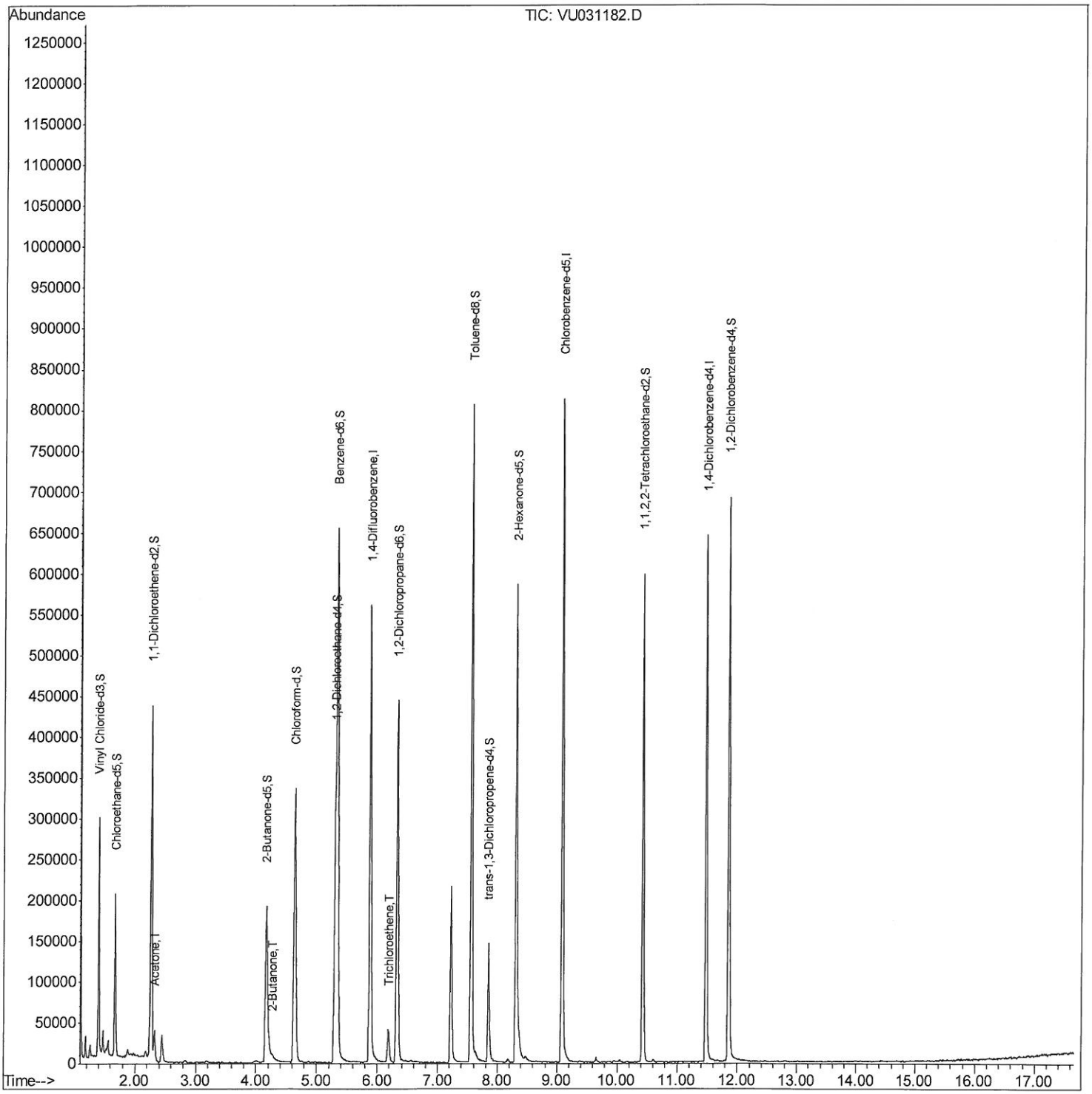
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031182.D
Acq On : 14 Apr 2019 01:36
Operator : JC/SP
Sample : K2339-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 14 02:46:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC48

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:02:07 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031182.D
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Operator : JC/SP
Sample : K2339-07
Misc : 5.0mL/MSVOA_U/WATER
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Quant Time: Apr 14 02:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
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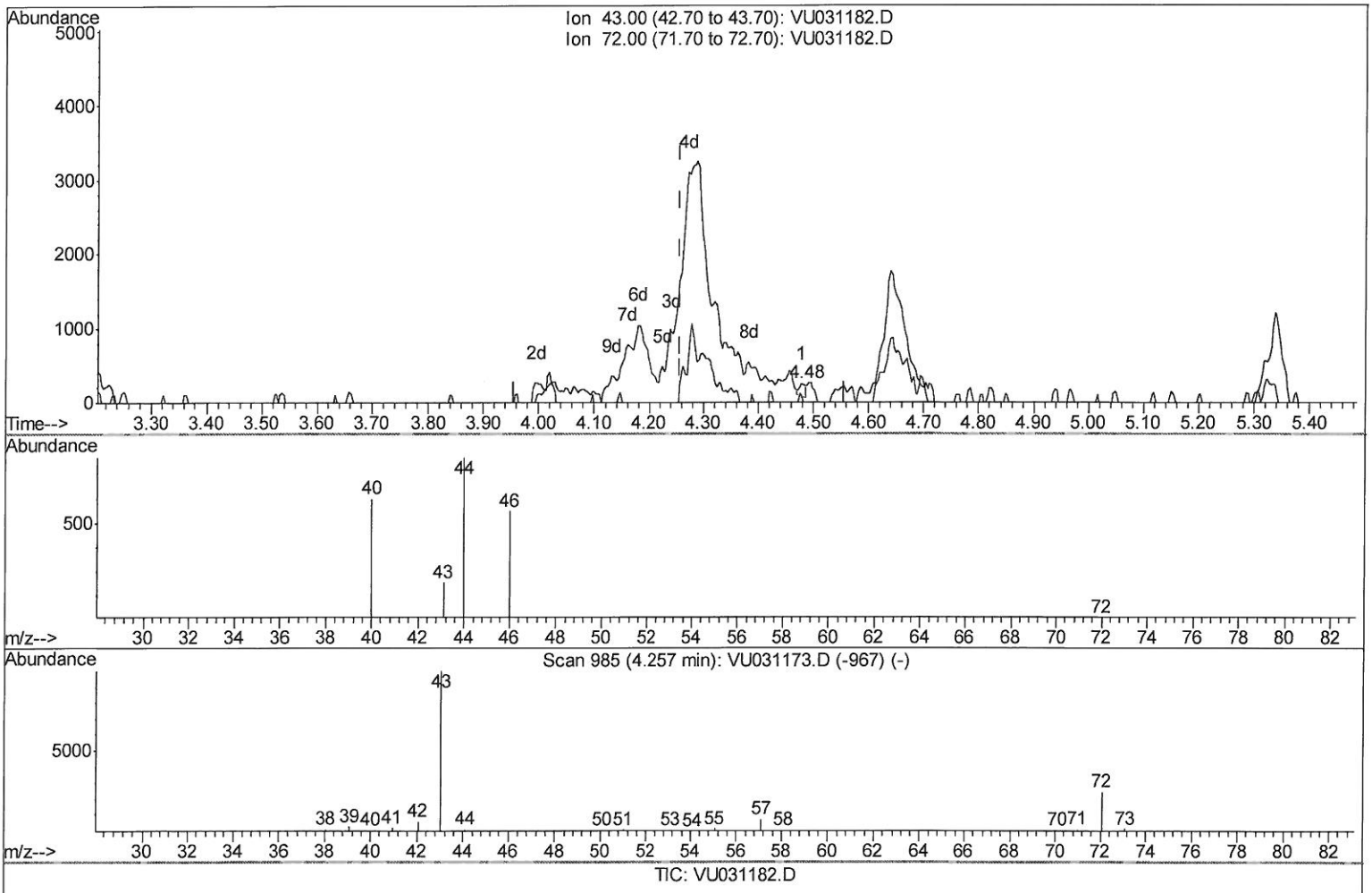

TIC: VU031182.D

(22) 2-Butanone (T)

4.479min (+0.222) 0.03ug/L

response 130

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	32.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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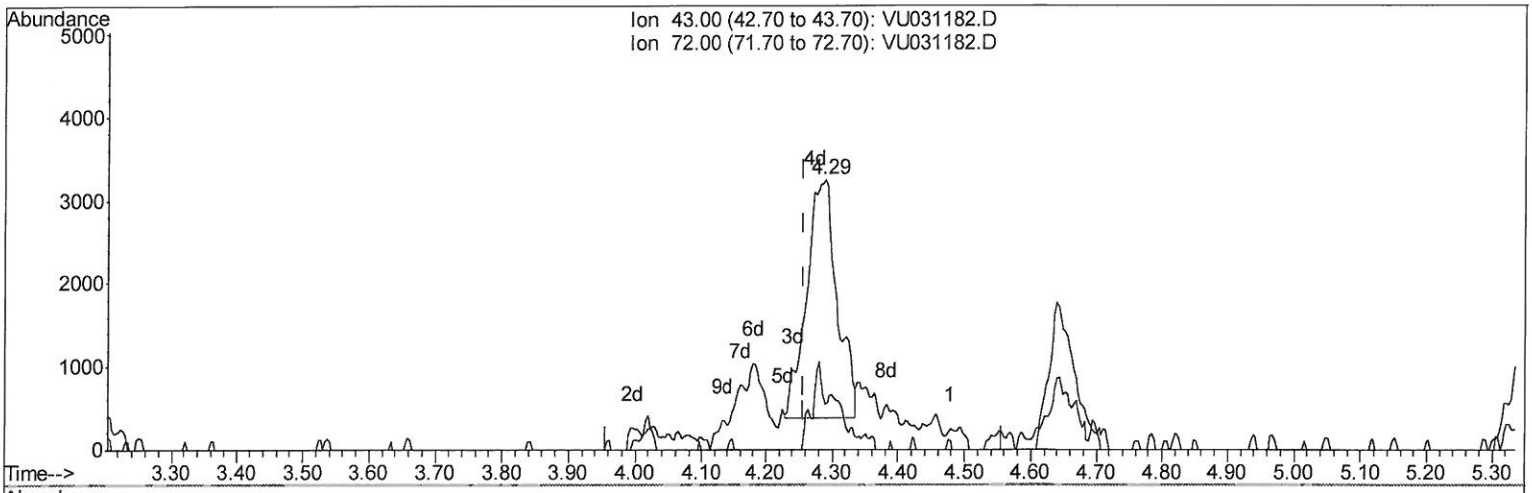
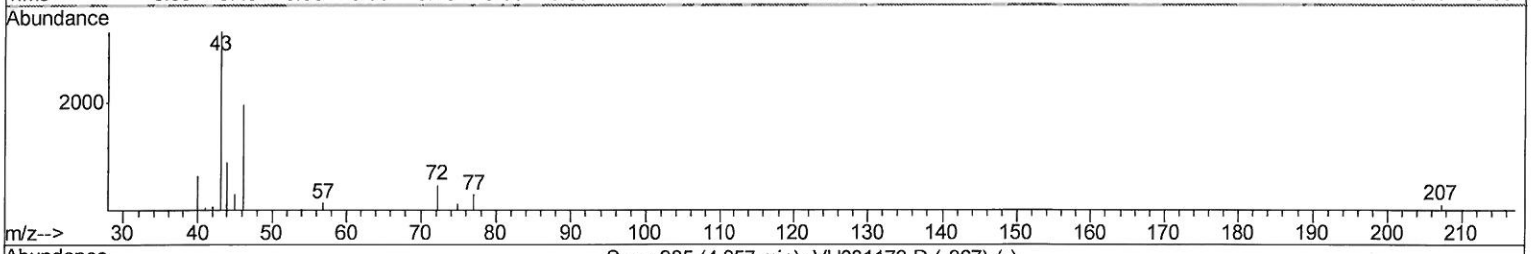
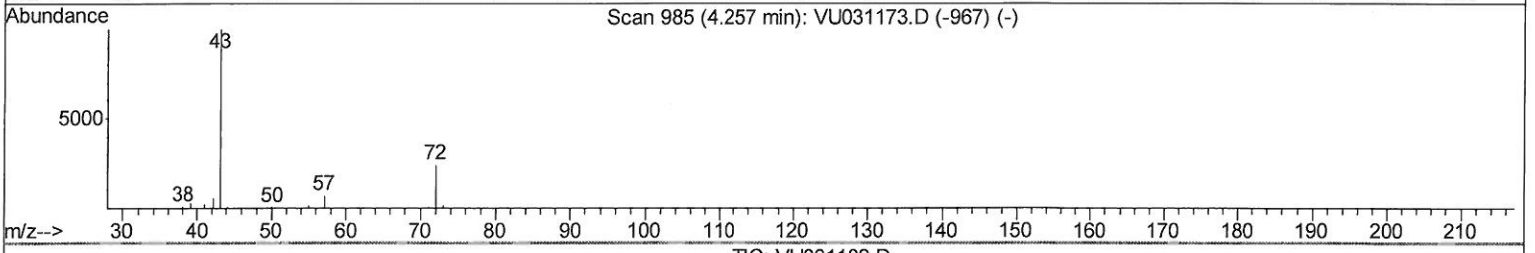
MMDadoda
4/15/2019 12:02:07 PM







TIC: VU031182.D

(22) 2-Butanone (T)

4.289min (+0.032) 2.29ug/L m

response 9154

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	0.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
MMDadoda
4/15/2019 12:02:07 PM

Quant Time: Apr 14 02:46:45 2019
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Quant Title : VOC Analysis
QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177319	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	189888	45.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.40%			
7) Chloroethane-d5	1.67	69	148685	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.26%			
11) 1,1-Dichloroethene-d2	2.26	63	262442	34.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.08%			
21) 2-Butanone-d5	4.17	46	327625	98.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.39%			
24) Chloroform-d	4.64	84	330476	51.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.98%			
26) 1,2-Dichloroethane-d4	5.30	65	219001	50.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.02%			
32) Benzene-d6	5.34	84	658569	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.12%			
36) 1,2-Dichloropropane-d6	6.32	67	223486	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.16%			
41) Toluene-d8	7.56	98	550050	46.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.46%			
43) trans-1,3-Dichloropropene-	7.85	79	87669	41.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.58%			
47) 2-Hexanone-d5	8.31	63	190070	90.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310219	49.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	194431	55.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.50%			
Target Compounds						Qvalue
13) Acetone	2.31	43	36490	10.710	ug/L	98
22) 2-Butanone	4.29	43	9154m	2.291	ug/L	
34) Trichloroethene	6.19	95	14861	4.027	ug/L	90

7 MD 4/17/19

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