Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

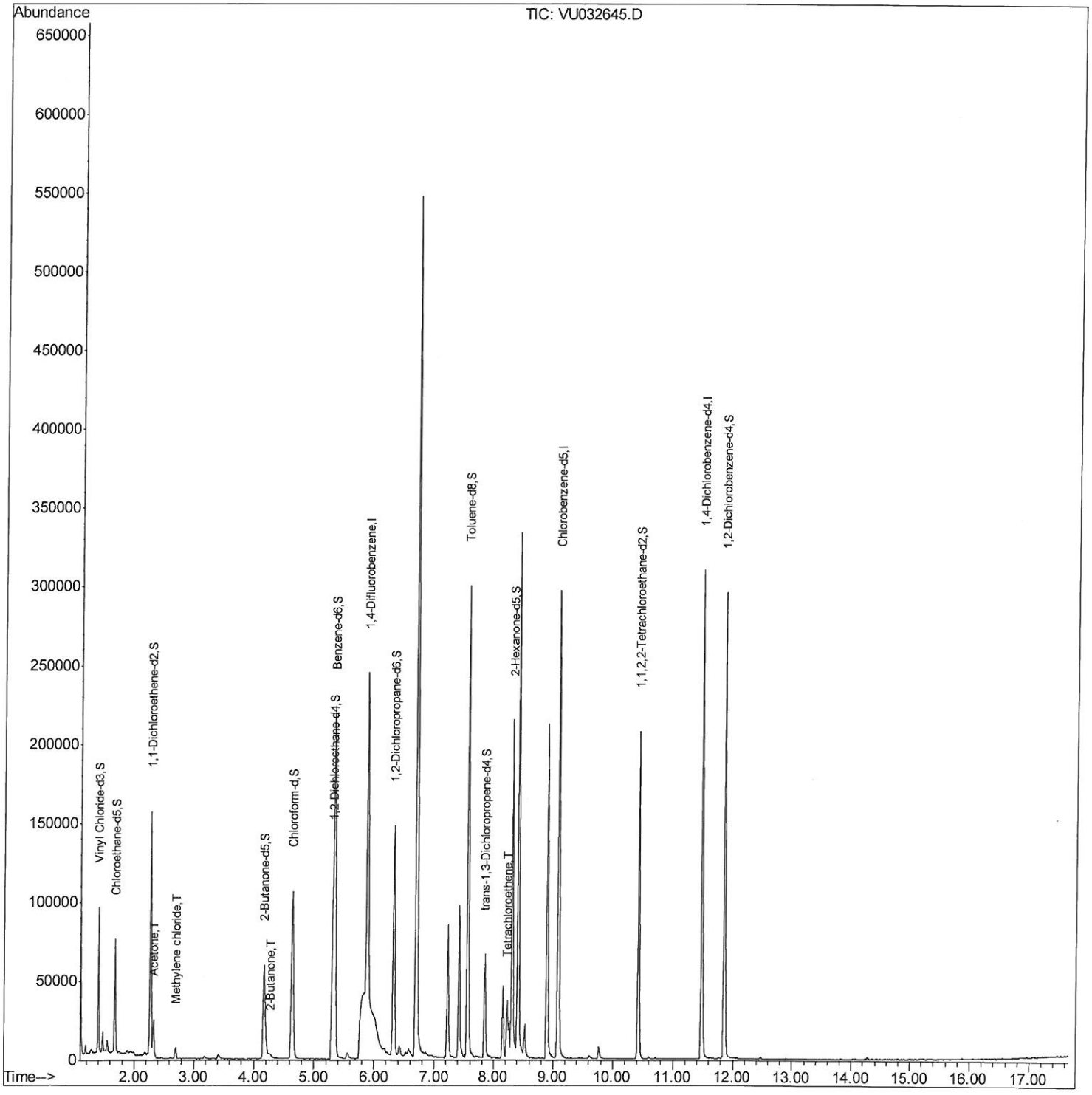
Quantitation Report (QT Reviewed)

Data File : VU032645.D
Acq On : 12 Jun 2019 12:39
Operator : JC/SP
Sample : K3286-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 05:34:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0JW2

Manual Integrations APPROVED
MMDadoda
6/13/2019 8:47:32 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

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Quant Title : VOC Analysis
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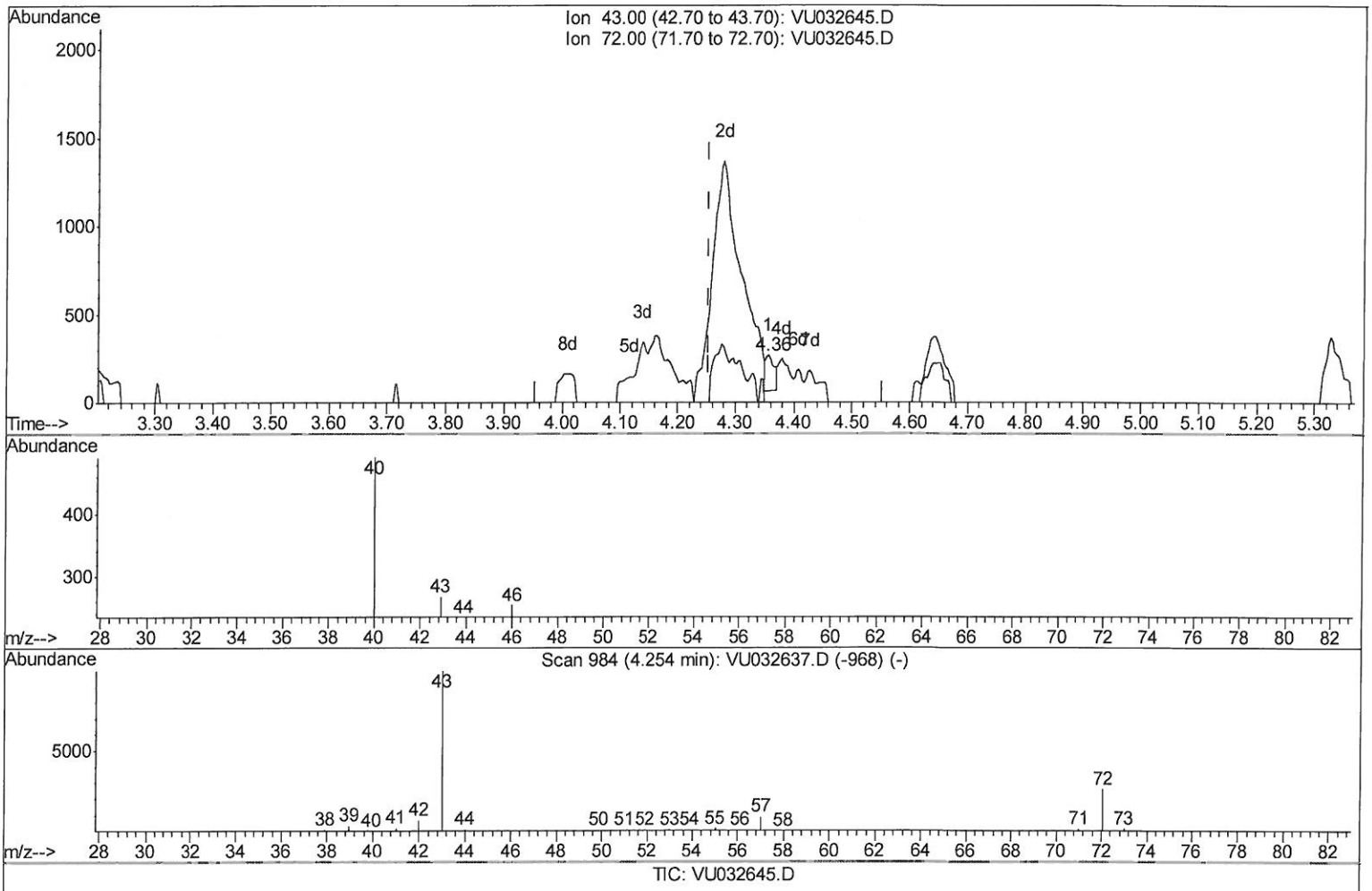
6/13/2019 8:47:32 AM



TIC: VU032645.D

(22) 2-Butanone (T)

4.357min (+0.103) 0.16ug/L

response 189

Ion	Exp%	Act%
43.00	100	100
72.00	26.20	26.46
0.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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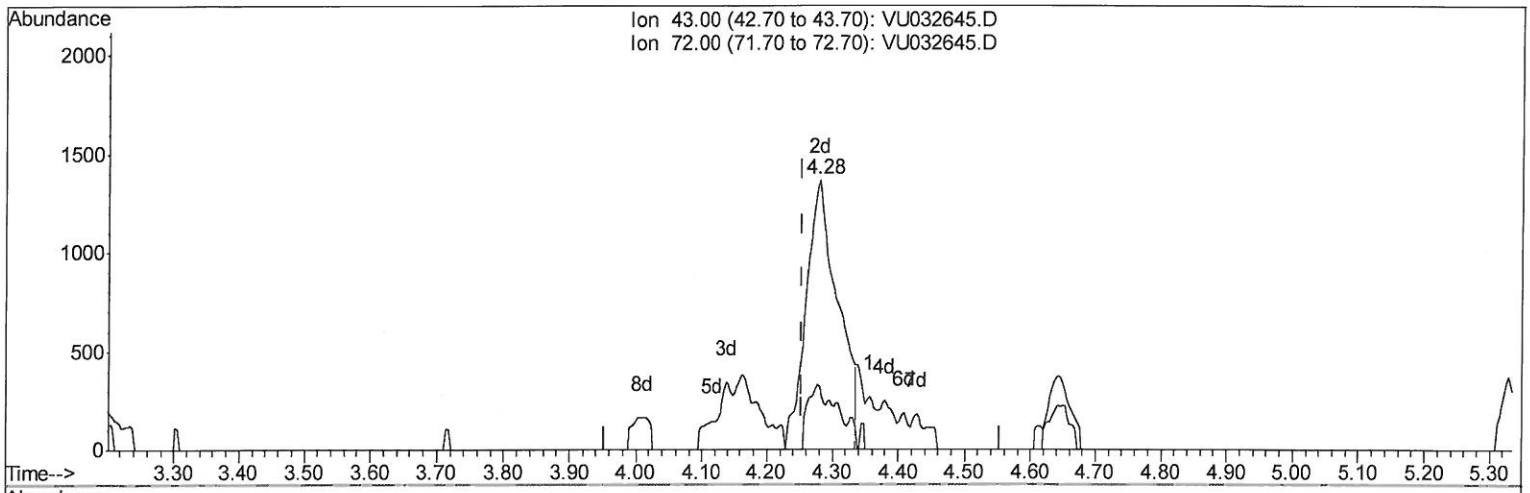
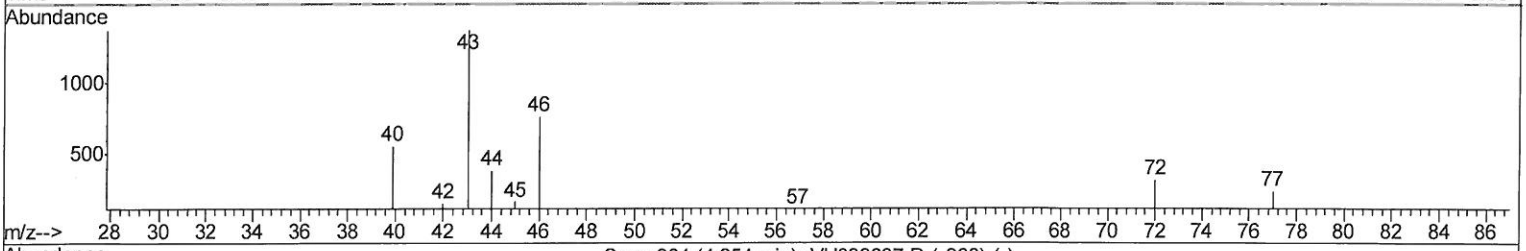
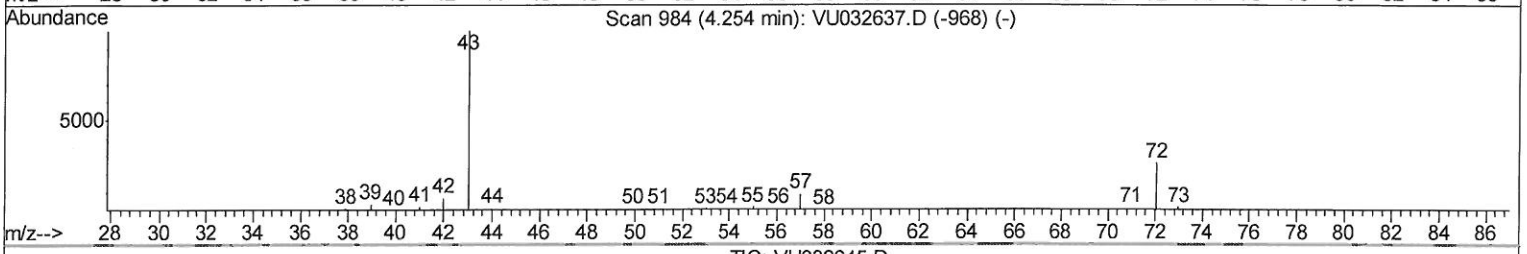
Manual Integrations APPROVED
MMDadoda
6/13/2019 8:47:32 AM







TIC: VU032645.D

(22) 2-Butanone (T)

4.280min (+0.026) 3.98ug/L m

response 4607

Ion	Exp%	Act%
43.00	100	100
72.00	26.20	1.09#
0.00	0.00	0.00
0.00	0.00	0.00

MD 6/12/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

Quantitation Report (QT Reviewed)

Data File : VU032645.D
Acq On : 12 Jun 2019 12:39
Operator : JC/SP
Sample : K3286-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JW2

Manual Integrations APPROVED
MMDadoda
6/13/2019 8:47:32 AM

Quant Time: Jun 13 05:34:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	174762	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	161035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81500	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57505	50.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.44%			
7) Chloroethane-d5	1.68	69	45917	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.78%			
11) 1,1-Dichloroethene-d2	2.27	63	85048	38.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.62%			
21) 2-Butanone-d5	4.17	46	100716	106.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.14%			
24) Chloroform-d	4.64	84	103815	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%			
26) 1,2-Dichloroethane-d4	5.30	65	69490	52.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.32%			
32) Benzene-d6	5.33	84	211854	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.36%			
36) 1,2-Dichloropropane-d6	6.32	67	67380	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.80%			
41) Toluene-d8	7.56	98	197460	49.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.62%			
43) trans-1,3-Dichloropropene-	7.85	79	31538	50.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.54%			
47) 2-Hexanone-d5	8.31	63	74665	117.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98387	51.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	81064	51.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.86%			
Target Compounds						Qvalue
13) Acetone	2.32	43	24038	24.552	ug/L	99
16) Methylene chloride	2.69	84	2841	2.401	ug/L	90
22) 2-Butanone	4.28	43	4607m	3.981	ug/L	
46) Tetrachloroethene	8.22	164	7493	7.370	ug/L	93

MD 6/12/19

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