Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020320\

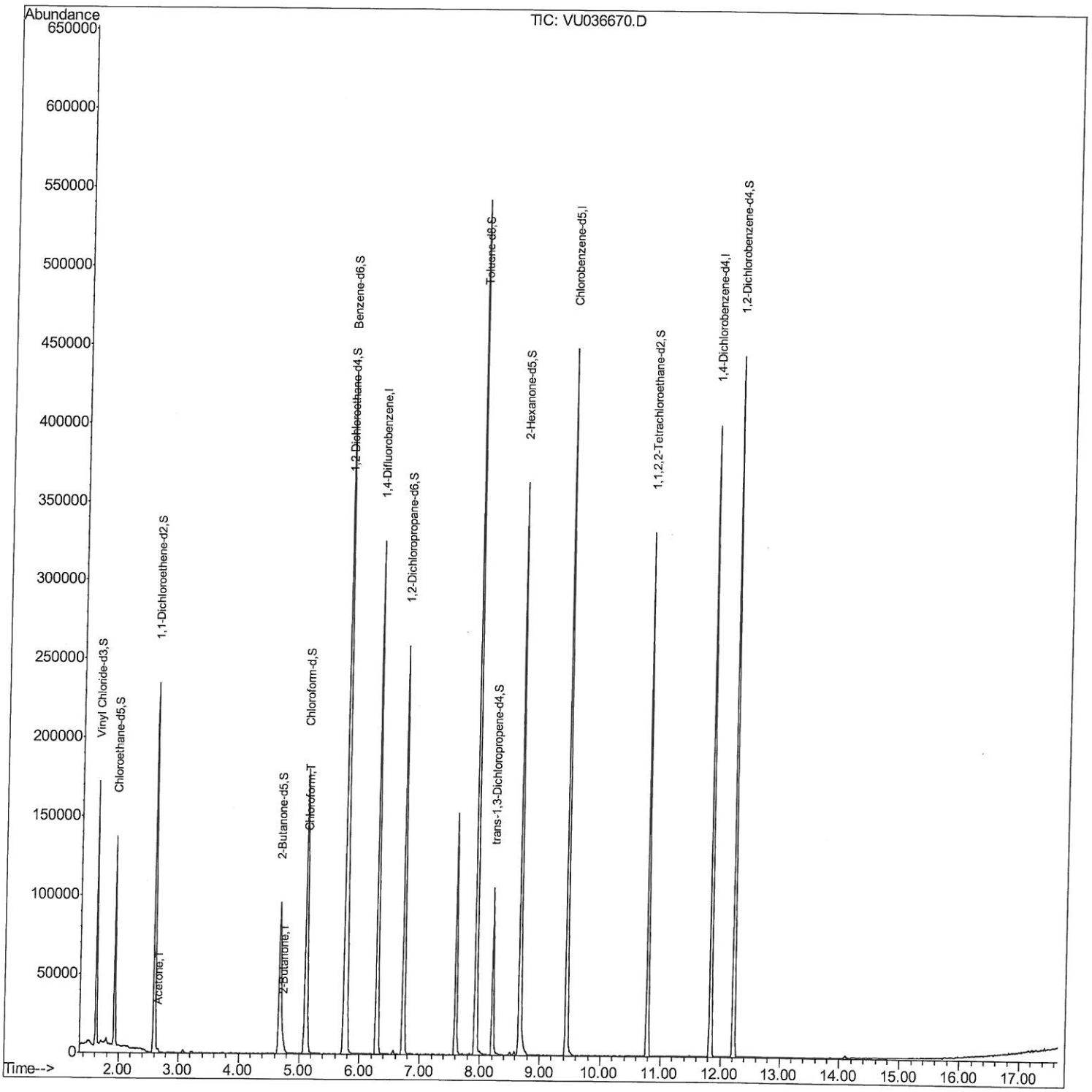
Quantitation Report (QT Reviewed)

Data File : VU036670.D
Acq On : 03 Feb 2020 13:33
Operator : JC/MD
Sample : VU0203MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 04 00:59:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:31 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020320\

Quantitation Report (Qedit)

Data File : VU036670.D
Acq On : 03 Feb 2020 13:33
Operator : JC/MD
Sample : VU0203MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 04 00:55:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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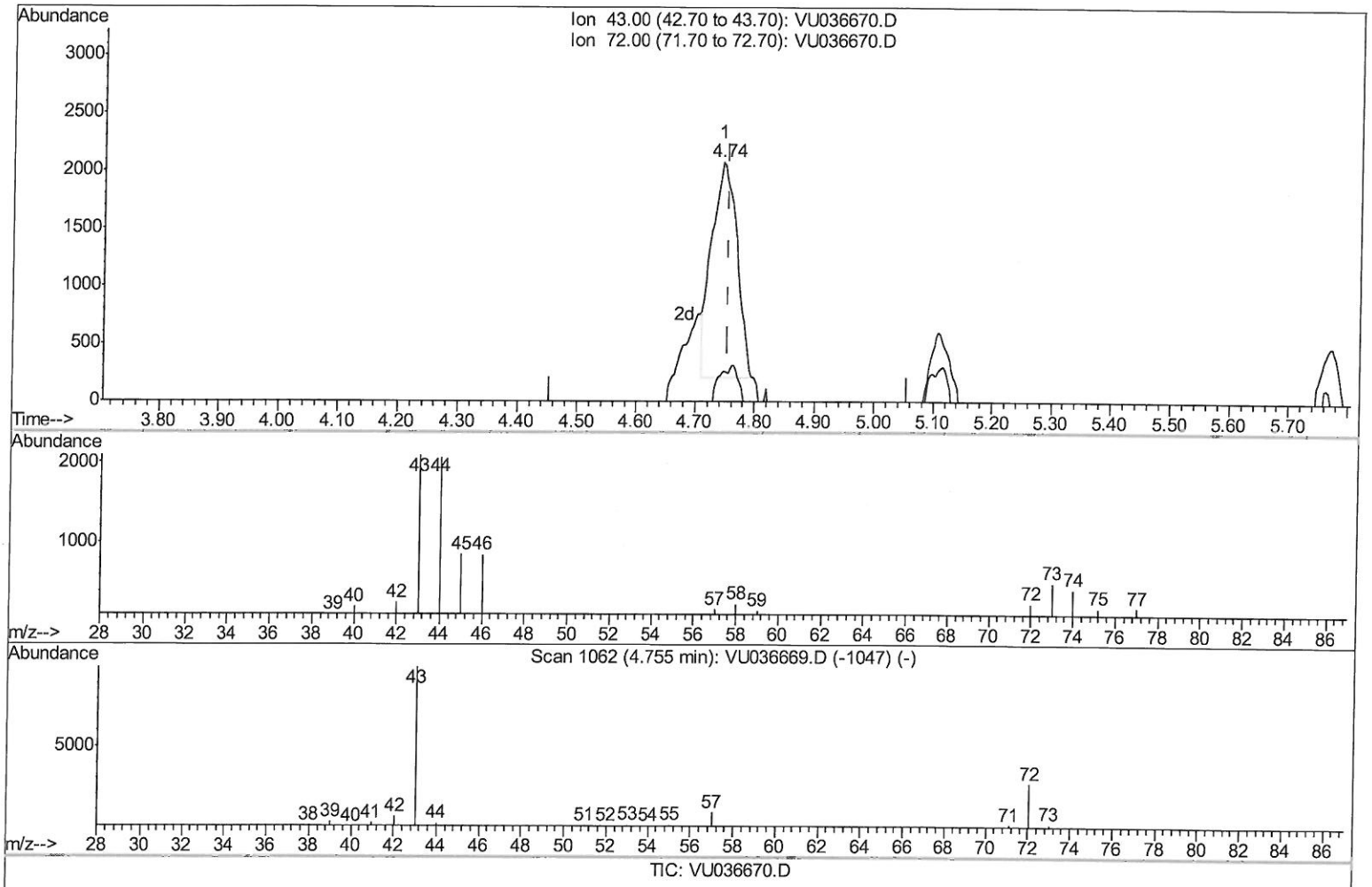
Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:31 PM



TIC: VU036670.D

(22) 2-Butanone (T)

4.745min (-0.010) 3.29ug/L

response 5547

Ion	Exp%	Act%
43.00	100	100
72.00	29.30	6.08#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020320\

Quantitation Report (Qedit)

Data File : VU036670.D
Acq On : 03 Feb 2020 13:33
Operator : JC/MD
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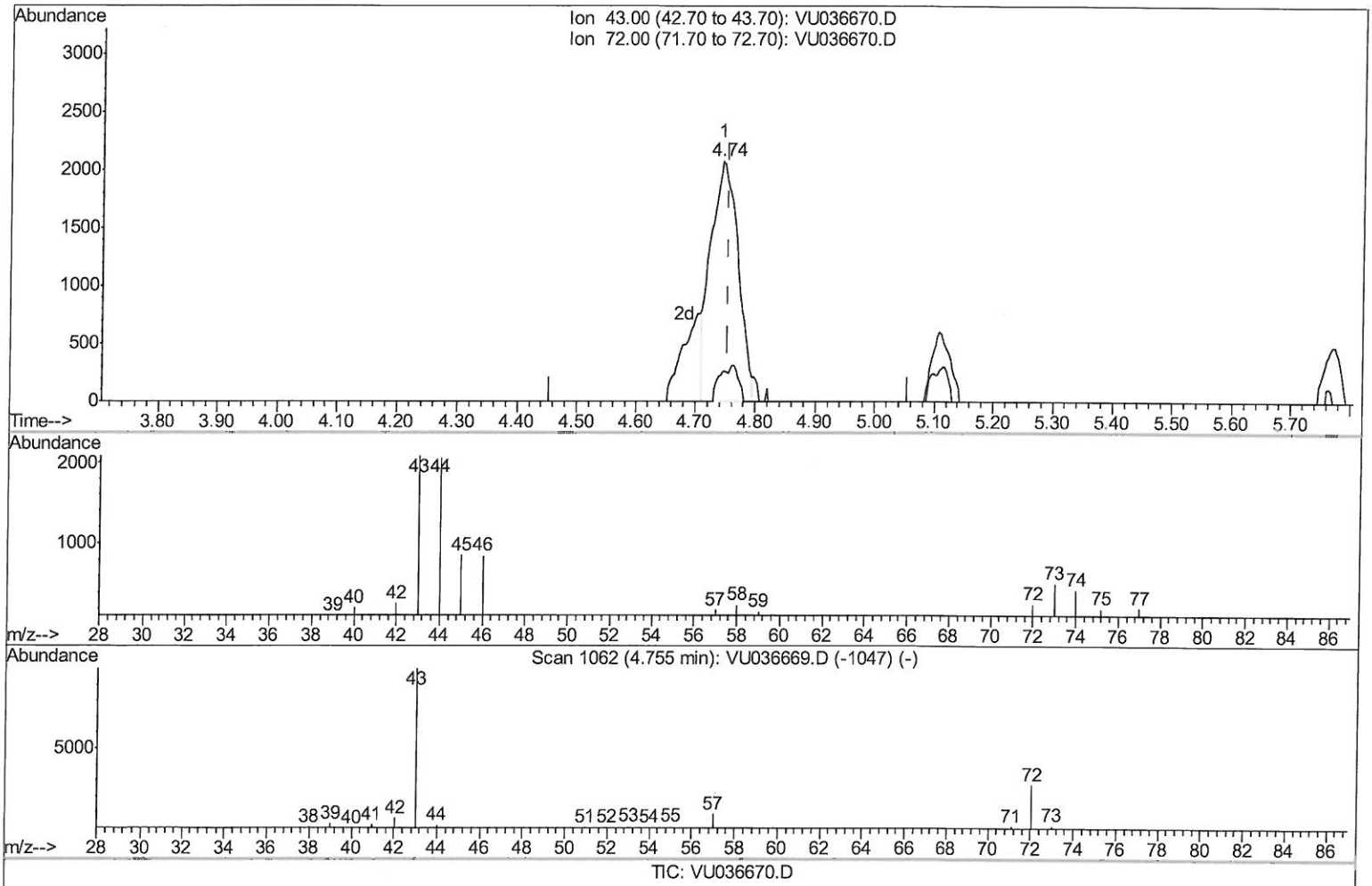
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:31 PM



TIC: VU036670.D

(22) 2-Butanone (T)

4.745min (-0.010) 3.92ug/L m

response 6605

Ion	Exp%	Act%
43.00	100	100
72.00	29.30	5.10#
0.00	0.00	0.00
0.00	0.00	0.00

2/13/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020320\

Quantitation Report (QT Reviewed)

Data File : VU036670.D
Acq On : 03 Feb 2020 13:33
Operator : JC/MD
Sample : VU0203MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:31 PM

Quant Time: Feb 04 00:59:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237377	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99809	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	111643	47.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.86%			
7) Chloroethane-d5	1.93	69	97030	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.38%			
11) 1,1-Dichloroethene-d2	2.59	63	142105	38.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.14%			
21) 2-Butanone-d5	4.67	46	133876	92.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.38%			
24) Chloroform-d	5.11	84	161679	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.70%			
26) 1,2-Dichloroethane-d4	5.74	65	120317	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.32%			
32) Benzene-d6	5.77	84	387222	53.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.74%			
36) 1,2-Dichloropropane-d6	6.73	67	128364	53.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.62%			
41) Toluene-d8	7.93	98	353264	53.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.56%			
43) trans-1,3-Dichloropropene-	8.21	79	59559	51.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.68%			
47) 2-Hexanone-d5	8.67	63	138621	105.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.30%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	172971	51.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.06%			
64) 1,2-Dichlorobenzene-d4	12.21	152	111083	52.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.62%			
Target Compounds						Qvalue
13) Acetone	2.66	43	2762	2.241	ug/L	91
22) 2-Butanone	4.74	43	6605m	3.920	ug/L	
25) Chloroform	5.13	83	15513	4.641	ug/L	93

MD 2/13/20

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