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

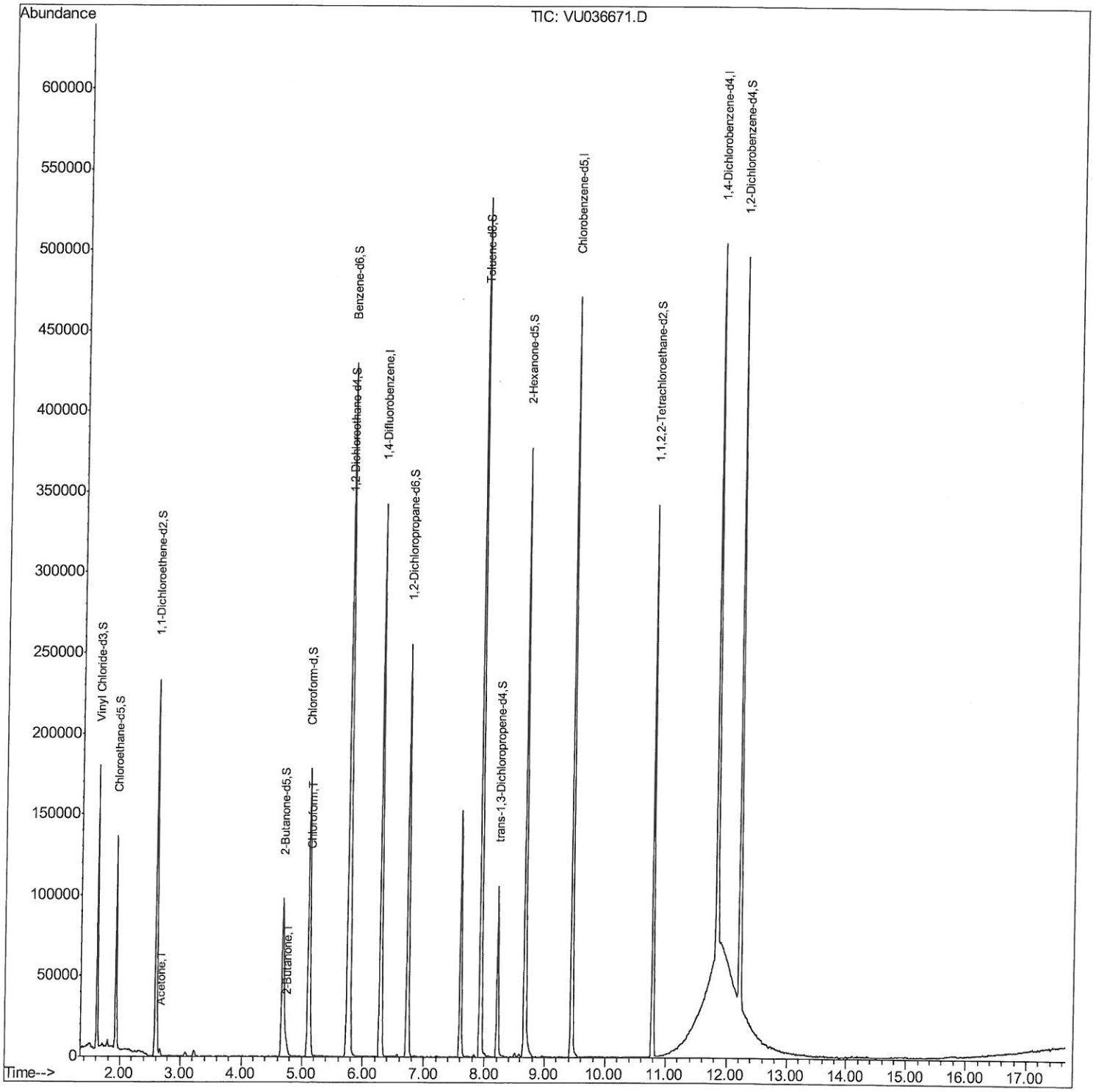
Data File : VU036671.D
Acq On : 03 Feb 2020 14:19
Operator : JC/MD
Sample : VU0203WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 01:04:26 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

Quantitation Report (QT Reviewed)

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:35 PM



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

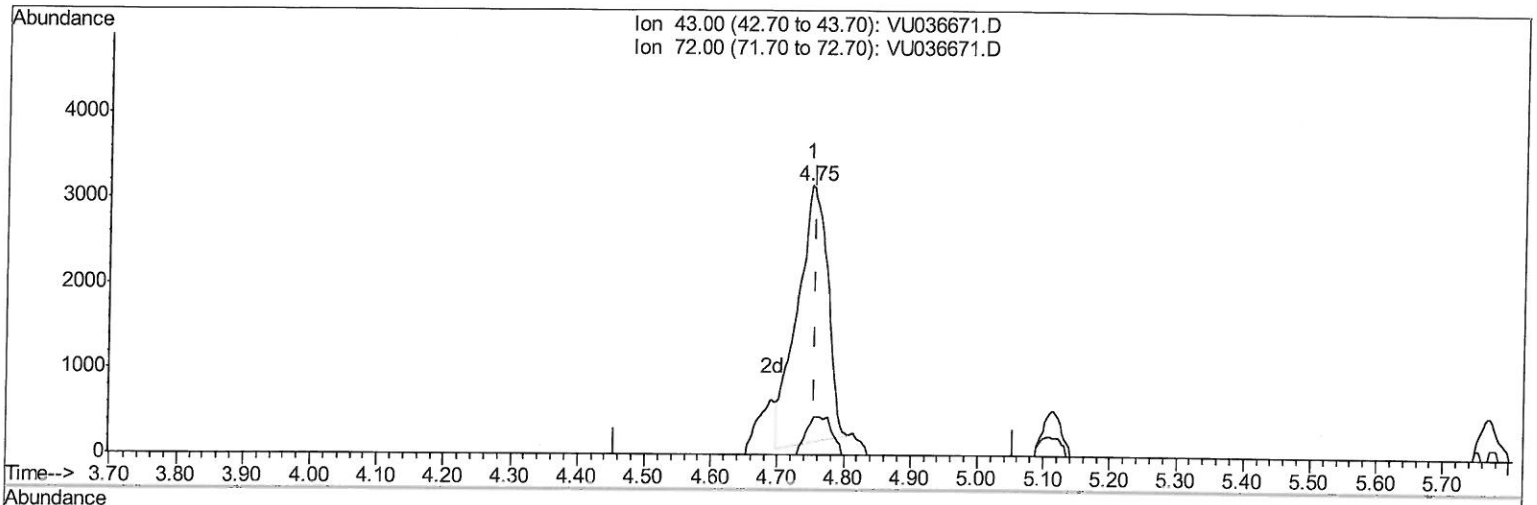
Quantitation Report (Qedit)

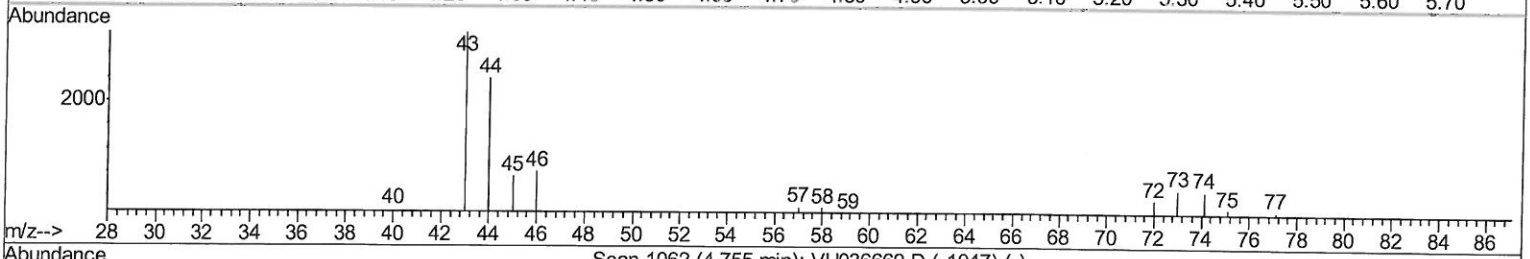
Data File : VU036671.D
Acq On : 03 Feb 2020 14:19
Operator : JC/MD
Sample : VU0203WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

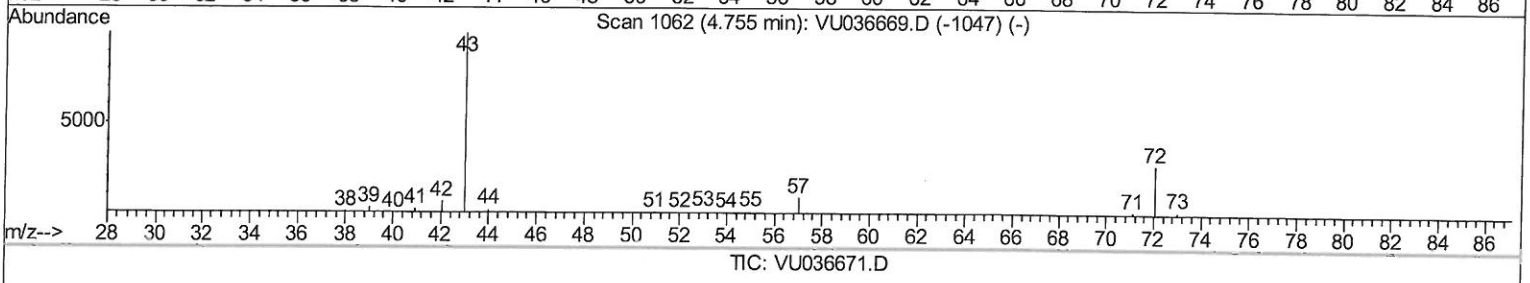
Quant Time: Feb 04 00:55:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:35 PM







TIC: VU036671.D

(22) 2-Butanone (T)

4.749min (-0.006) 5.43ug/L

response 9518

Ion	Exp%	Act%
43.00	100	100
72.00	29.30	8.11#
0.00	0.00	0.00
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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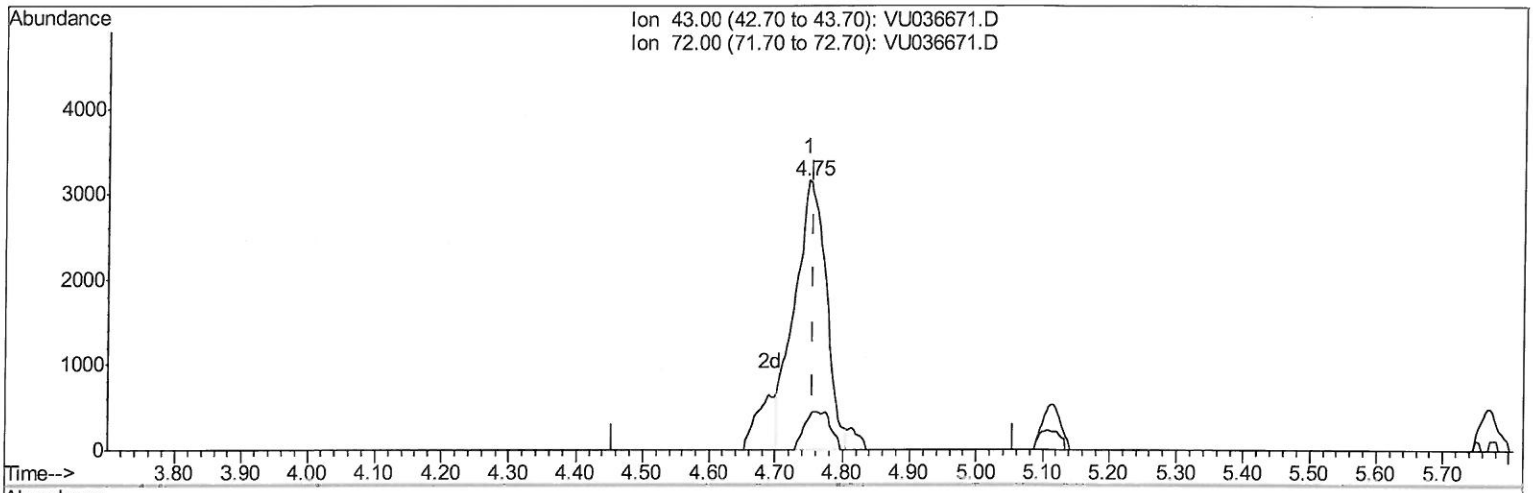
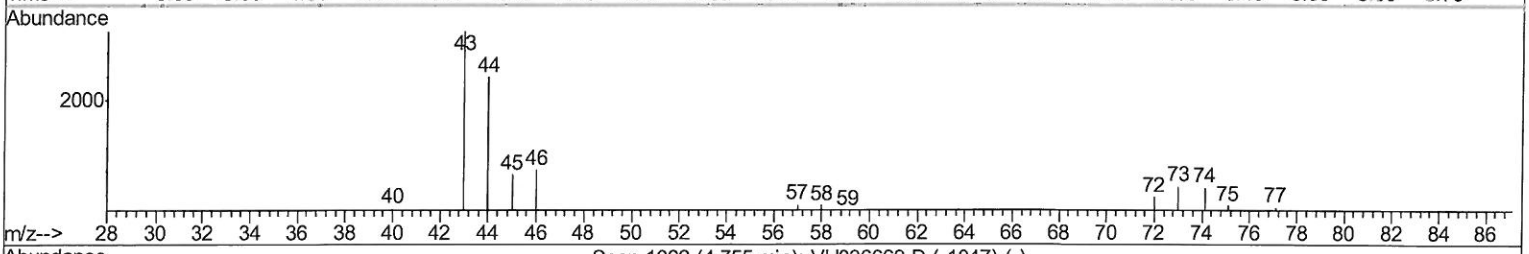
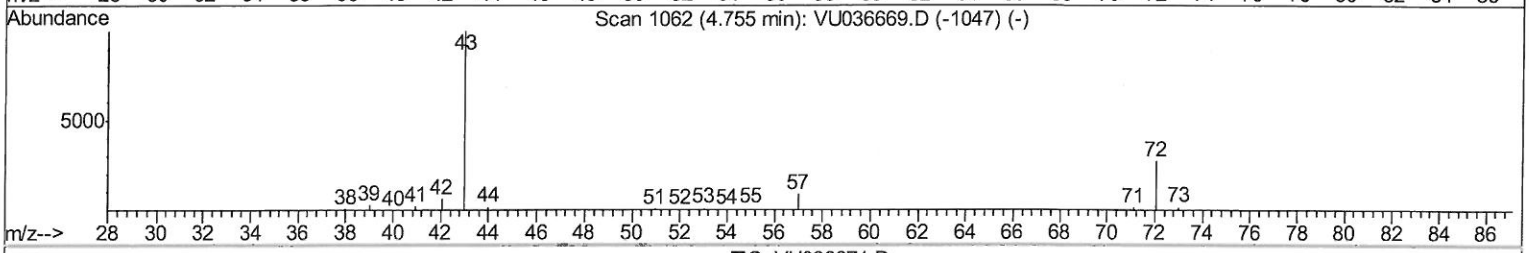
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:35 PM







TIC: VU036671.D

(22) 2-Butanone (T)

4.749min (-0.006) 5.89ug/L m

response 10333

Ion	Exp%	Act%
43.00	100	100
72.00	29.30	7.47#
0.00	0.00	0.00
0.00	0.00	0.00

7 MC
2/7/20 MC
2/13/20

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

Quantitation Report (QT Reviewed)

Data File : VU036671.D
Acq On : 03 Feb 2020 14:19
Operator : JC/MD
Sample : VU0203WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 01:04:26 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 : VBLK56

Manual Integrations APPROVED
MMDadoda
2/4/2020 12:33:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	268662	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252730	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110109	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	112812	46.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.12%			
7) Chloroethane-d5	1.93	69	97332	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.70%			
11) 1,1-Dichloroethene-d2	2.59	63	140203	36.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.14%			
21) 2-Butanone-d5	4.68	46	133019	88.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.21%			
24) Chloroform-d	5.11	84	160869	44.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.66%			
26) 1,2-Dichloroethane-d4	5.75	65	119168	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
32) Benzene-d6	5.77	84	385192	50.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.66%			
36) 1,2-Dichloropropane-d6	6.73	67	127229	50.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.20%			
41) Toluene-d8	7.93	98	355285	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.66%			
43) trans-1,3-Dichloropropene-	8.21	79	59794	48.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.76%			
47) 2-Hexanone-d5	8.67	63	145140	103.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.55%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176267	49.32	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.64%			
64) 1,2-Dichlorobenzene-d4	12.21	152	117506	50.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.26%			
Target Compounds						Qvalue
13) Acetone	2.66	43	5036	3.927	ug/L	94
22) 2-Butanone	4.75	43	10333m	5.894	ug/L	
25) Chloroform	5.14	83	15483	4.451	ug/L	98

JMD 2/13/20

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