Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\

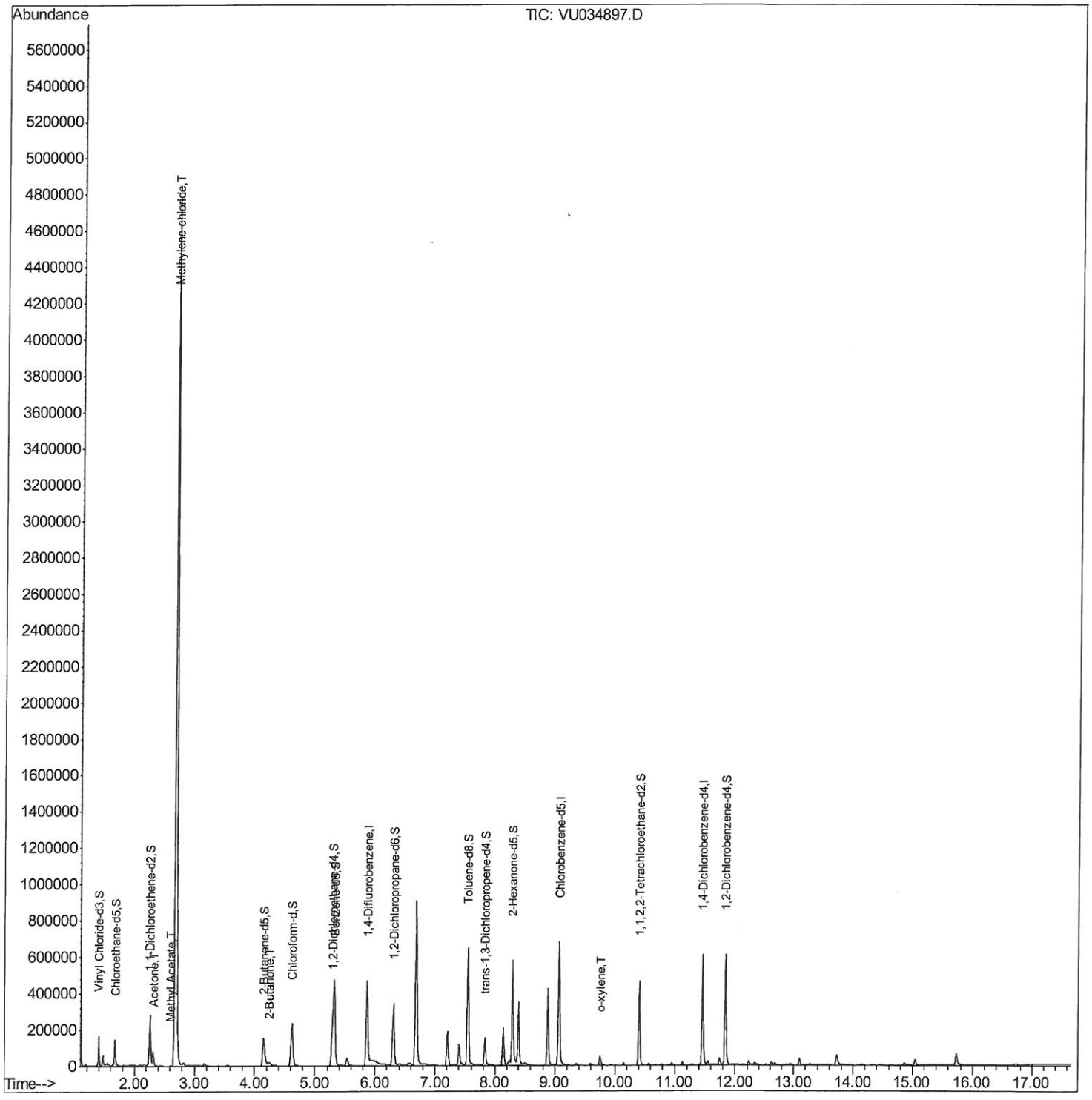
Quantitation Report (QT Reviewed)

Data File : VU034897.D
Acq On : 01 Oct 2019 18:57
Operator : JC/SP
Sample : K5028-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 02 02:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDK6

Manual Integrations APPROVED
MMDadoda
10/4/2019 12:13:50 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\

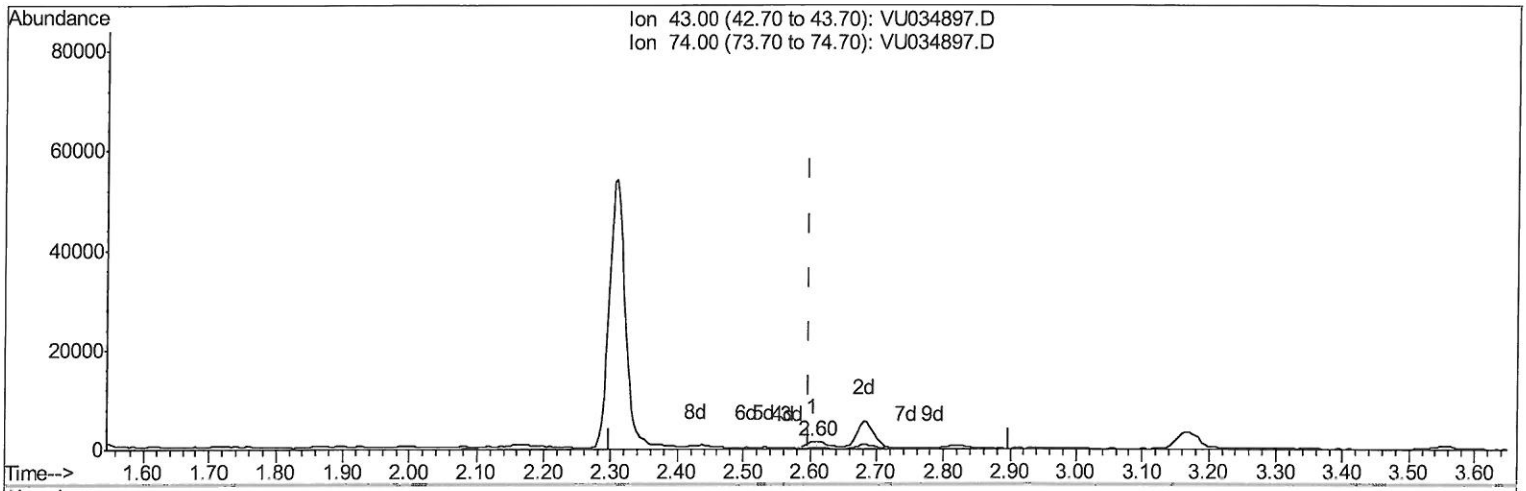
Quantitation Report (Qedit)

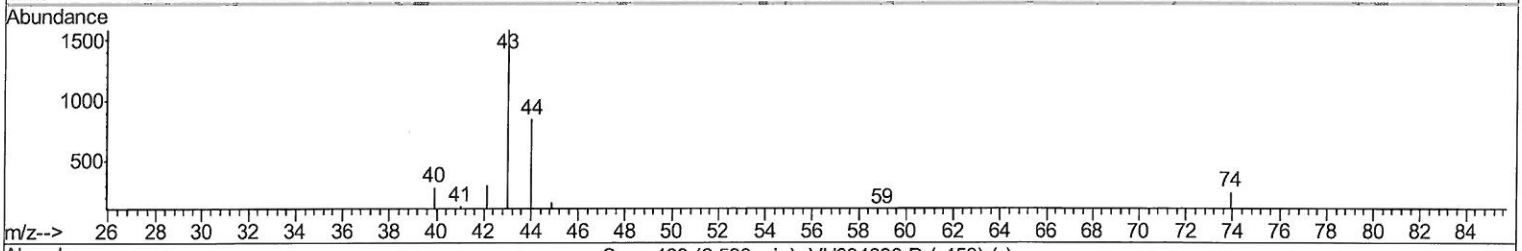
Data File : VU034897.D
Acq On : 01 Oct 2019 18:57
Operator : JC/SP
Sample : K5028-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

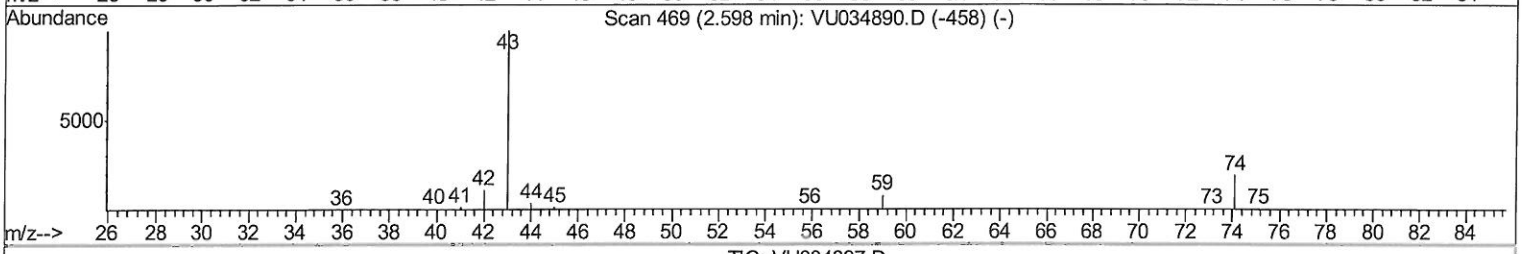
Quant Time: Oct 02 01:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDK6

Manual Integrations APPROVED
MMDadoda
10/4/2019 12:13:50 PM







TIC: VU034897.D

(15) Methyl Acetate (T)

2.605min (+0.007) 0.47ug/L

response 1420

Ion	Exp%	Act%
43.00	100	100
74.00	19.10	22.46
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\

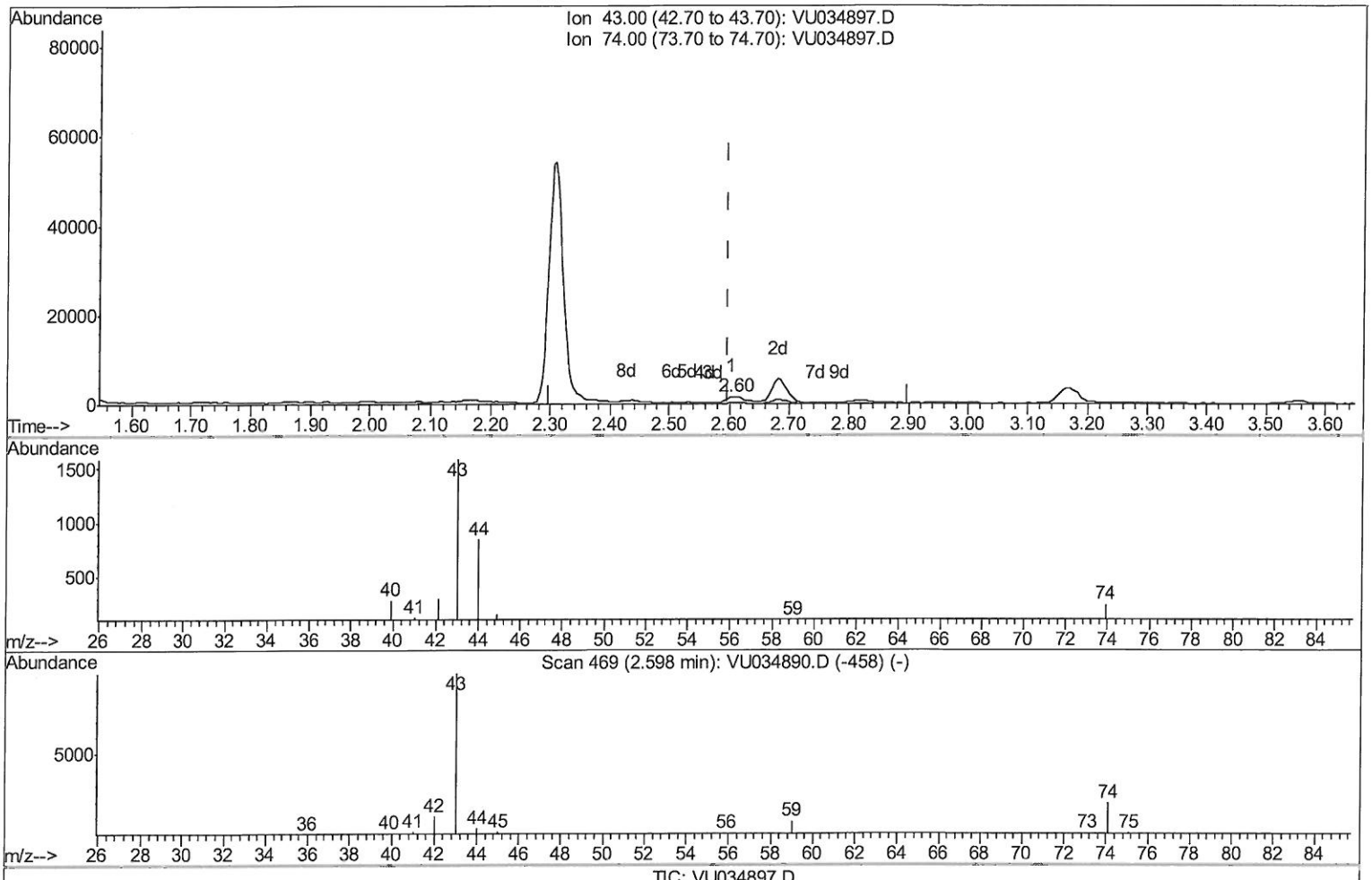
Quantitation Report (Qedit)

Data File : VU034897.D
Acq On : 01 Oct 2019 18:57
Operator : JC/SP
Sample : K5028-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 02 01:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDK6

Manual Integrations APPROVED
MMDadoda
10/4/2019 12:13:50 PM



TIC: VU034897.D

(15) Methyl Acetate (T)

2.605min (+0.007) 1.08ug/L m

response 3262

JMD 10/04/19

Ion	Exp%	Act%
43.00	100	100
74.00	19.10	9.78#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\

Quantitation Report (QT Reviewed)

Data File : VU034897.D
Acq On : 01 Oct 2019 18:57
Operator : JC/SP
Sample : K5028-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK6

Manual Integrations APPROVED
MMDadoda
10/4/2019 12:13:50 PM

Quant Time: Oct 02 02:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	347363	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	341633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146159	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	104194	42.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.60%			
7) Chloroethane-d5	1.67	69	92800	45.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.74%			
11) 1,1-Dichloroethene-d2	2.26	63	161412	37.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.38%			
21) 2-Butanone-d5	4.15	46	266594	112.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.22%			
24) Chloroform-d	4.62	84	223840	47.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.76%			
26) 1,2-Dichloroethane-d4	5.29	65	166641	48.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.08%			
32) Benzene-d6	5.32	84	440540	47.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.76%			
36) 1,2-Dichloropropane-d6	6.31	67	156007	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.58%			
41) Toluene-d8	7.54	98	411931	47.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.14%			
43) trans-1,3-Dichloropropene-	7.83	79	69623	49.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.32%			
47) 2-Hexanone-d5	8.29	63	178786	116.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.82%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	221691	48.54	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.08%			
64) 1,2-Dichlorobenzene-d4	11.84	152	144425	49.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.32%			
Target Compounds						Qvalue
13) Acetone	2.31	43	89564	47.436	ug/L	96
15) Methyl Acetate	2.60	43	3262m	1.082	ug/L	
16) Methylene chloride	2.68	84	1916686	1007.218	ug/L	97
22) 2-Butanone	4.25	43	30074	12.263	ug/L	90
54) o-xylene	9.76	106	3338	0.984	ug/L	100

DMQ 10/04/19

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