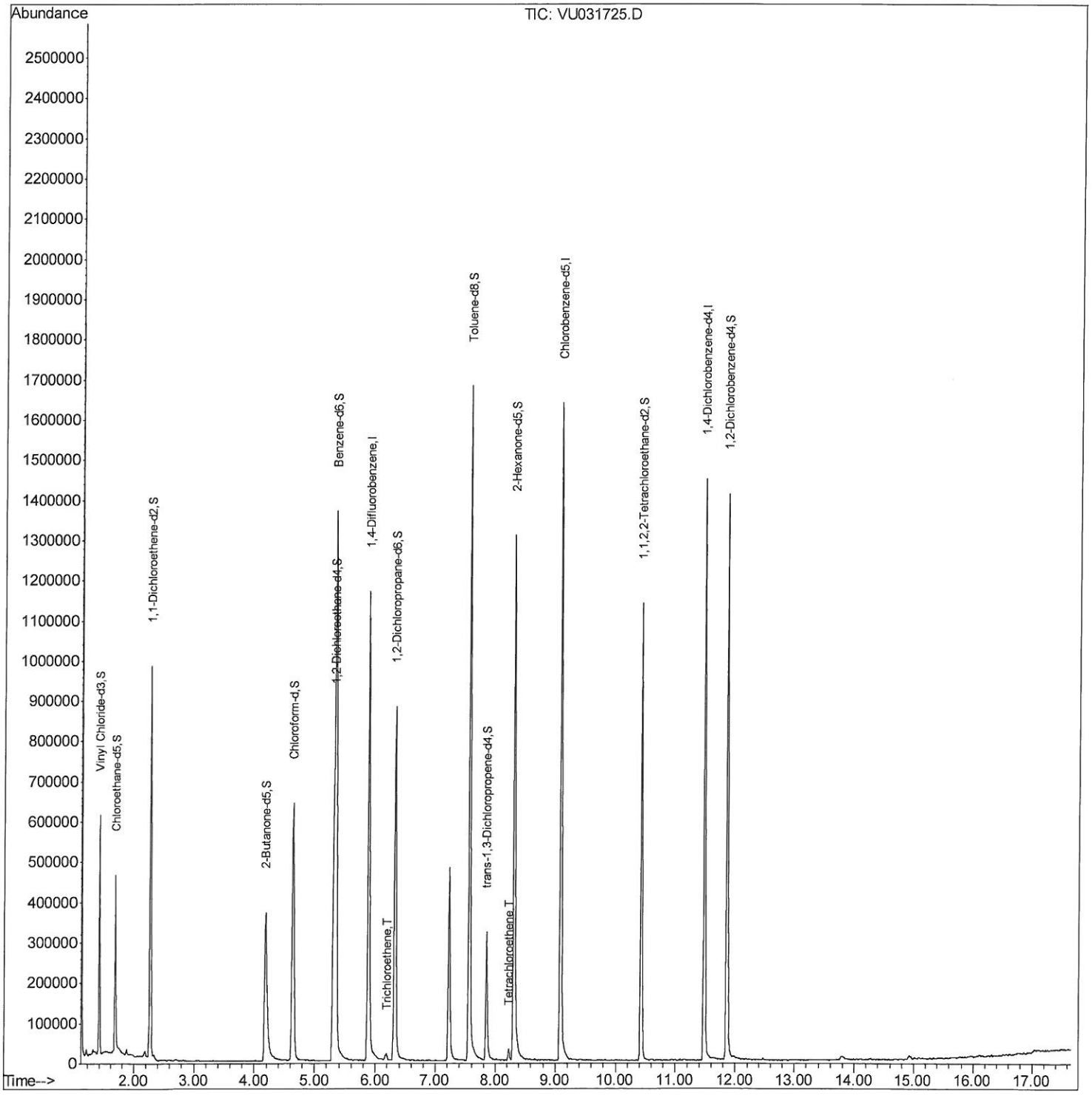
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050219\
Data File : VU031725.D
Acq On : 02 May 2019 20:22
Operator : JC/SP
Sample : K2661-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 03 08:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0B33

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:12 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050219\
Data File : VU031725.D
Acq On : 02 May 2019 20:22
Operator : JC/SP
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Quant Time: May 03 07:29:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
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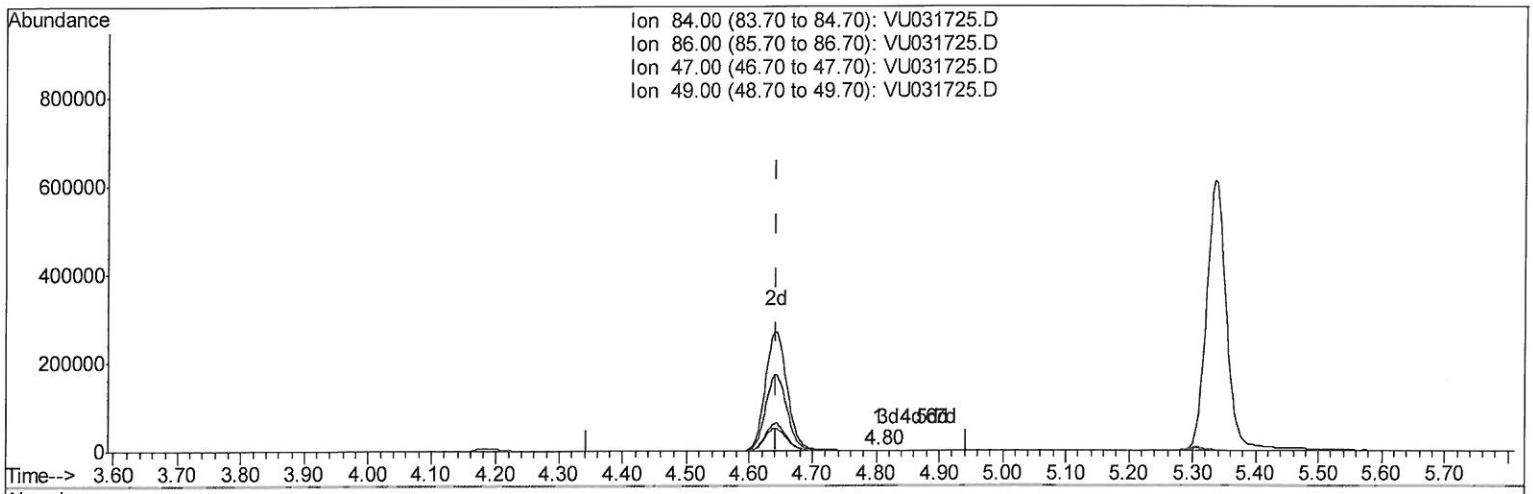

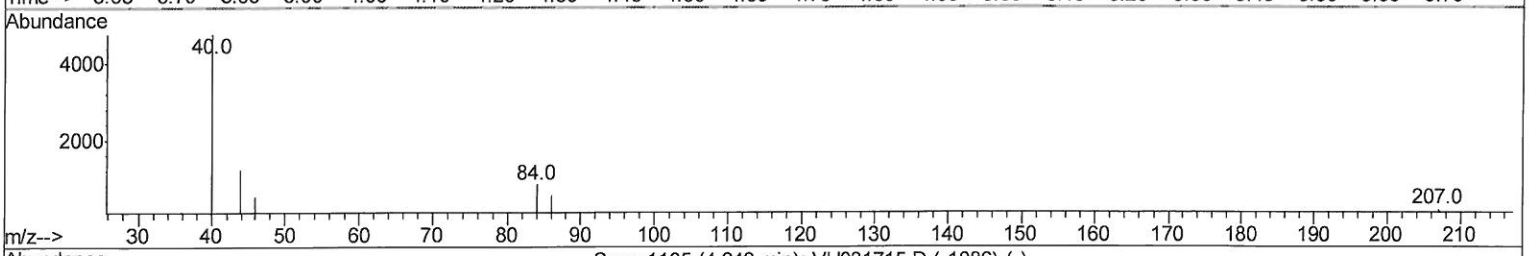

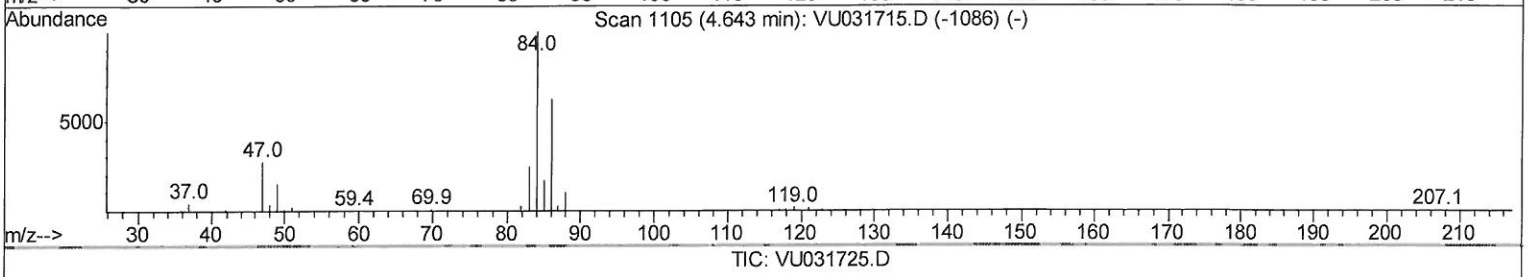

TIC: VU031725.D

(24) Chloroform-d (S)

4.804min (+0.161) 0.02ug/L

response 267

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	54.31
47.00	45.70	57.68
49.00	27.20	32.58

Quantitation Report (Qedit)

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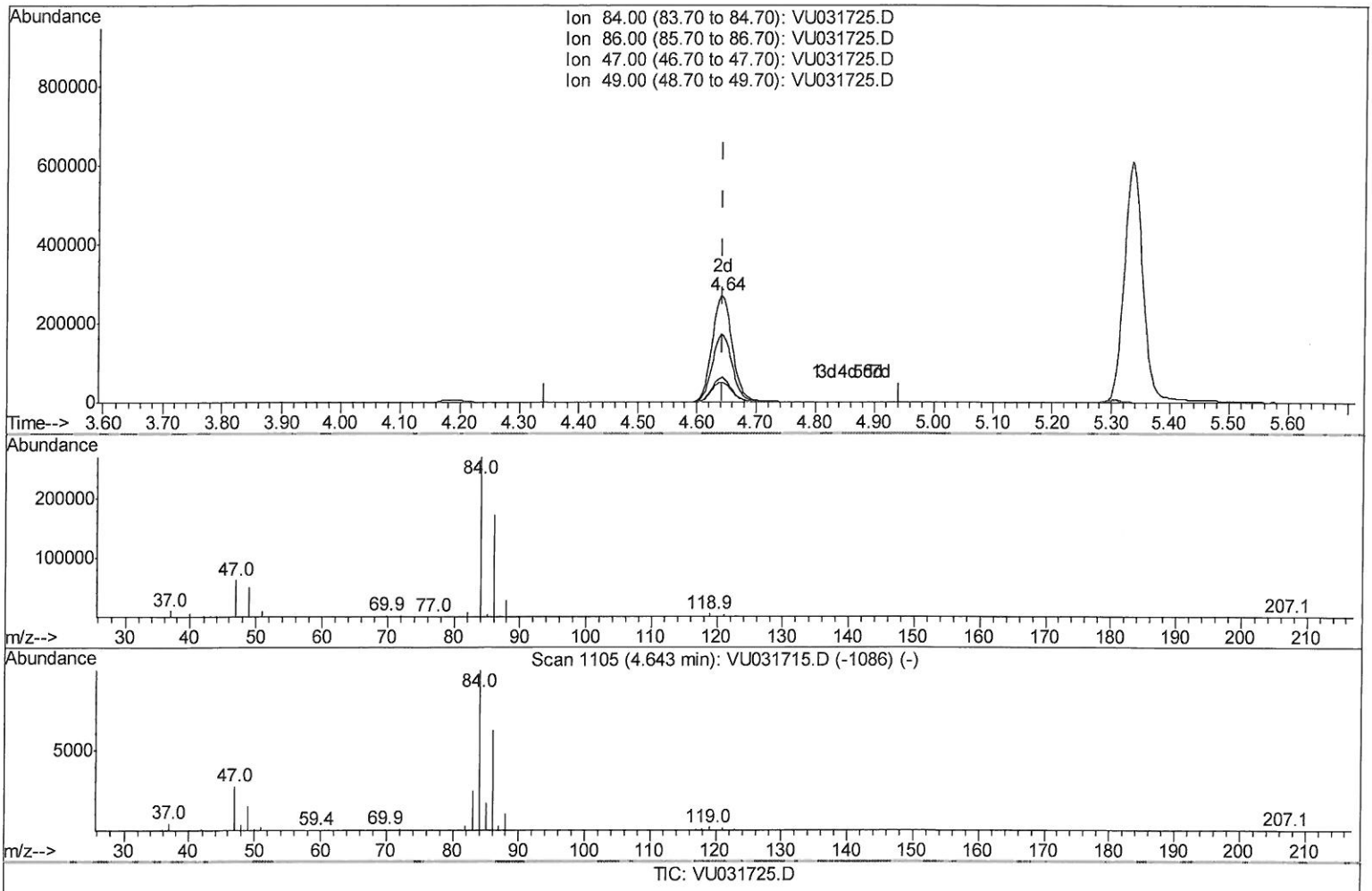
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0B33

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:12 AM



(24) Chloroform-d (S)

4.643min (+0.000) 42.92ug/L m

response 639274

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	0.02#
47.00	45.70	0.02#
49.00	27.20	0.01#

MMD 5/6/19

Quantitation Report (QT Reviewed)

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Instrument : MSVOA_U
ClientSampleId : C0B33

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	971710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	902309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	369641	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	408957	50.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.58%			
7) Chloroethane-d5	1.68	69	298628	47.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.04%			
11) 1,1-Dichloroethene-d2	2.27	63	582005	35.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.88%			
21) 2-Butanone-d5	4.19	46	704999	95.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.68%			
24) Chloroform-d	4.64	84	639274m	42.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.84%			
26) 1,2-Dichloroethane-d4	5.31	65	421411	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.62%			
32) Benzene-d6	5.33	84	1354424	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.76%			
36) 1,2-Dichloropropane-d6	6.32	67	463441	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.08%			
41) Toluene-d8	7.56	98	1161452	48.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.26%			
43) trans-1,3-Dichloropropene-	7.85	79	190766	45.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.18%			
47) 2-Hexanone-d5	8.31	63	473124	112.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.13%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	578473	44.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	365868	47.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.14%			
Target Compounds						Qvalue
34) Trichloroethene	6.19	95	3631	0.452	ug/L	77
46) Tetrachloroethene	8.22	164	6270	1.144	ug/L	89

MD 5/6/19

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