Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050319\

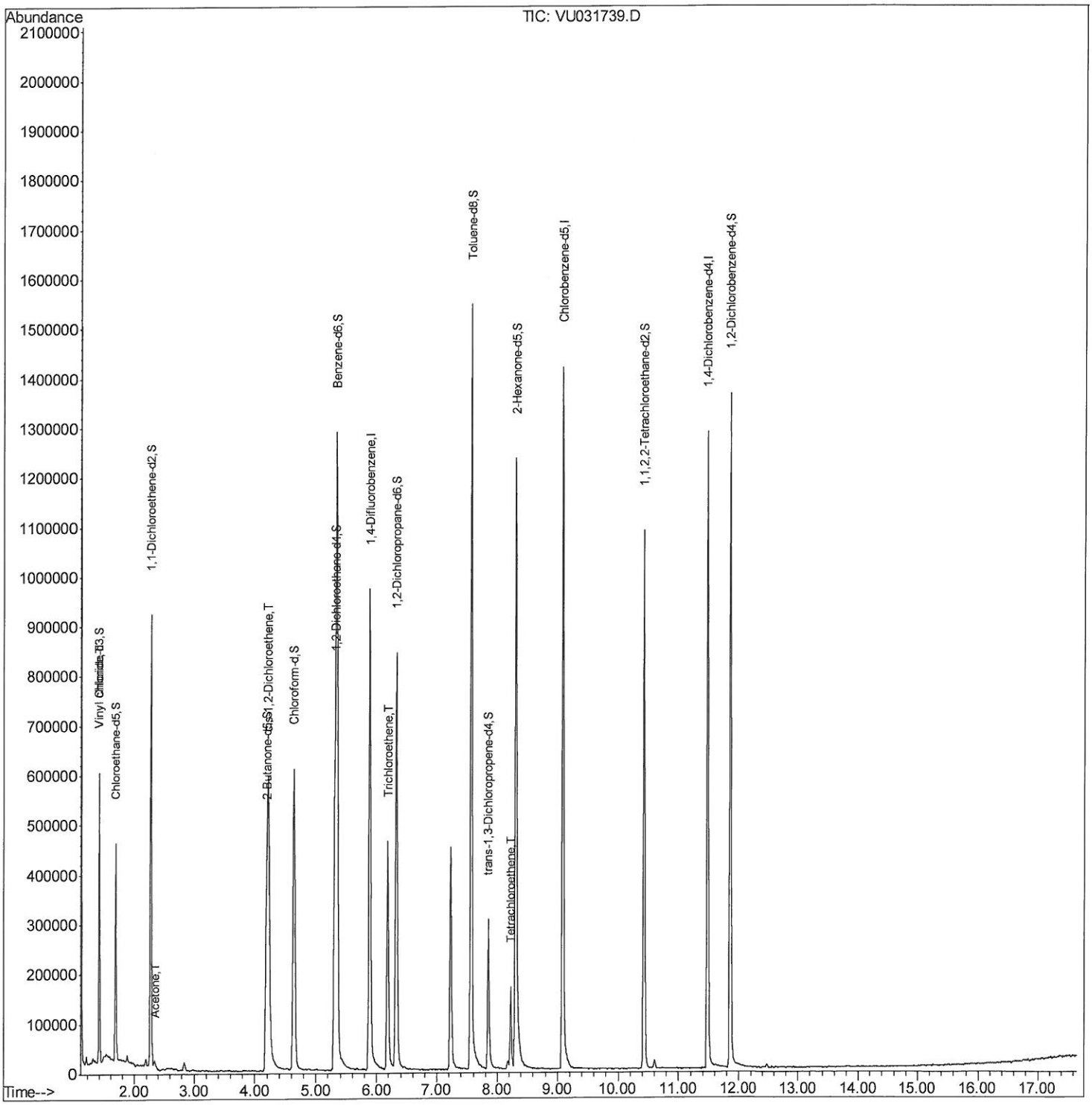
Quantitation Report (QT Reviewed)

Data File : VU031739.D
Acq On : 03 May 2019 11:02
Operator : JC/SP
Sample : K2661-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 04 04:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0B31

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:42:50 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050319\

Quantitation Report (Qedit)

Data File : VU031739.D
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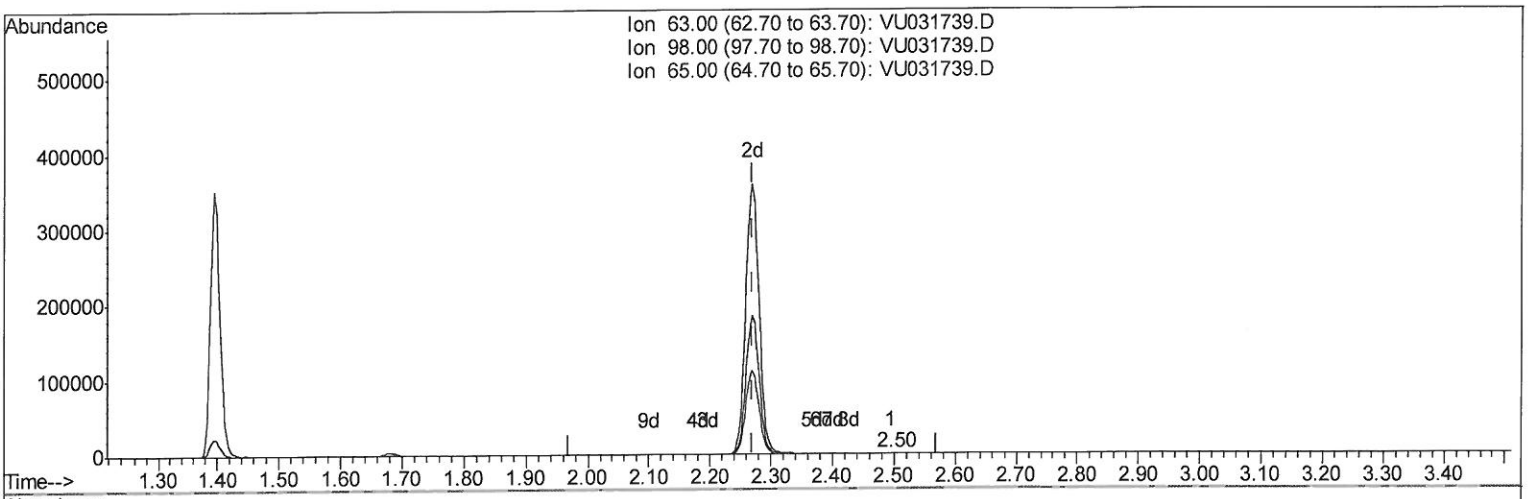

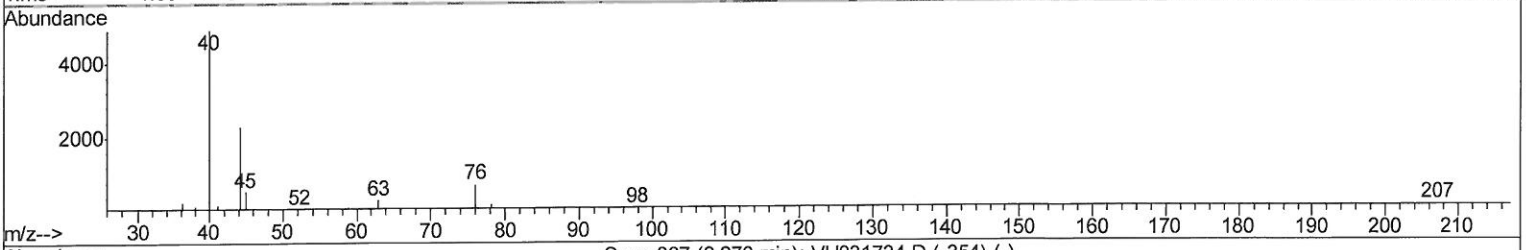

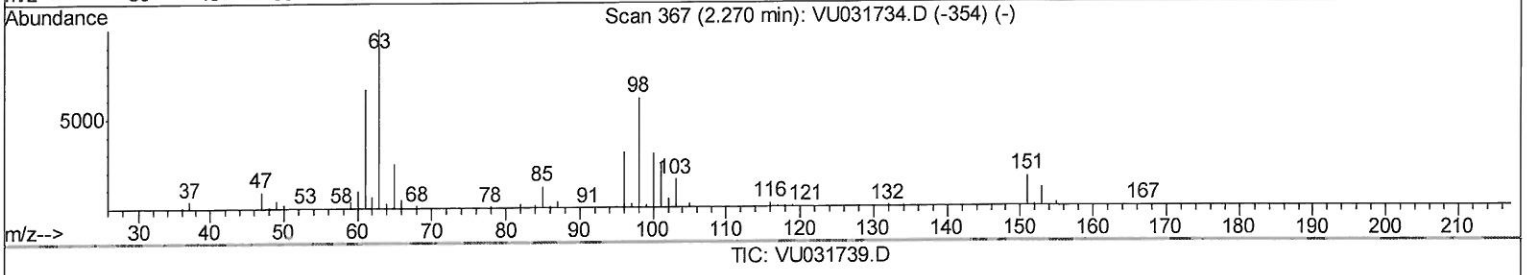

TIC: VU031739.D

(11) 1,1-Dichloroethene-d2 (S)

2.495min (+0.225) 0.01ug/L

response 186

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	70.43
65.00	23.40	26.88
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050319\

Quantitation Report (Qedit)

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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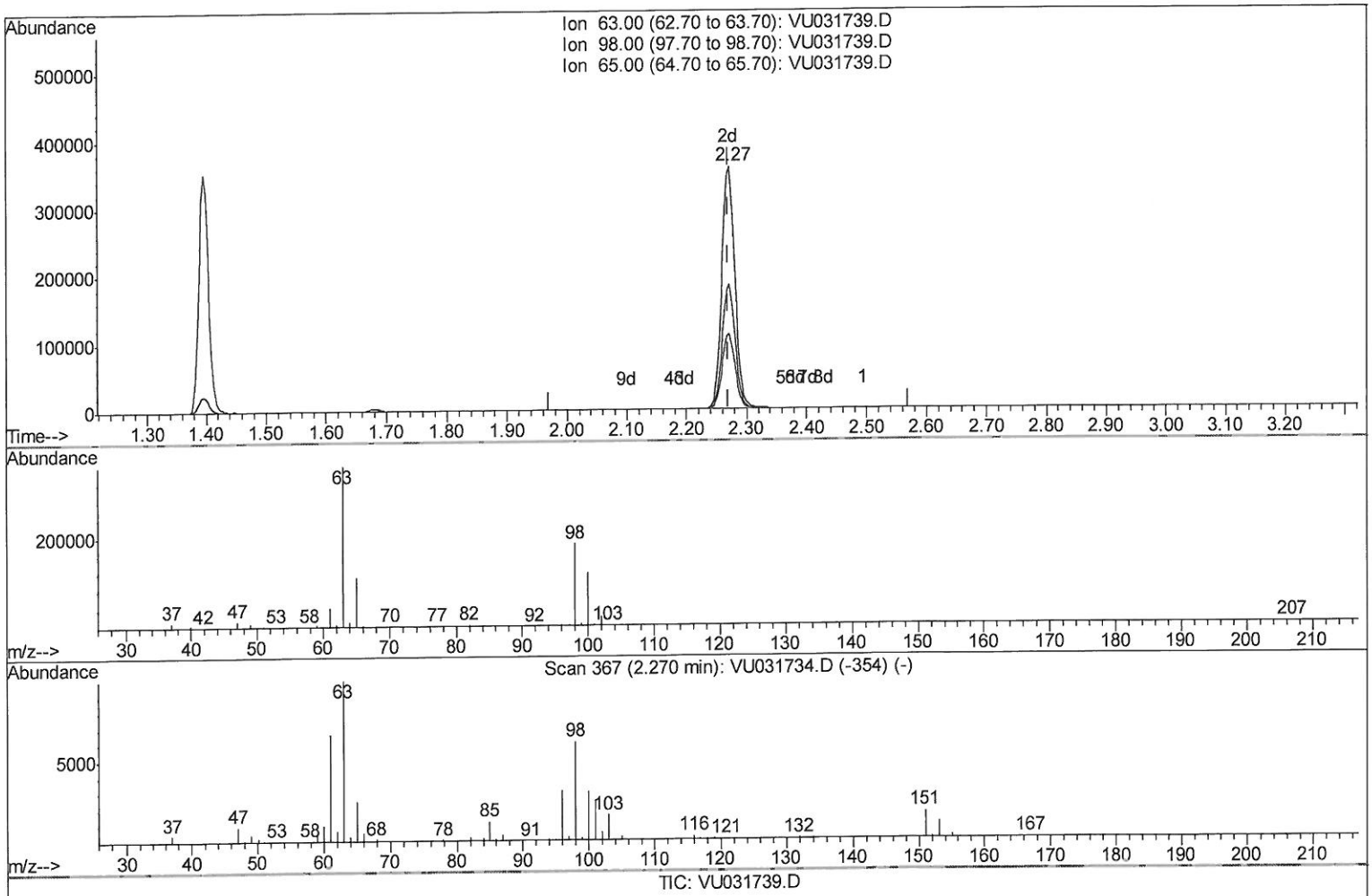
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0B31

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:42:50 AM



TIC: VU031739.D

(11) 1,1-Dichloroethene-d2 (S)

2.270min (+0.000) 40.49ug/L m

response 546140

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.02#
65.00	23.40	0.01#
0.00	0.00	0.00

MD 5/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050319\

Quantitation Report (QT Reviewed)

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Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B31

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:42:50 AM

Quant Time: May 04 04:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	809343	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	784148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316207	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	377130	55.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.36%			
7) Chloroethane-d5	1.68	69	294864	56.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.66%			
11) 1,1-Dichloroethene-d2	2.27	63	546140m	40.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.98%			
21) 2-Butanone-d5	4.19	46	702899	114.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.53%			
24) Chloroform-d	4.64	84	607301	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.90%			
26) 1,2-Dichloroethane-d4	5.31	65	408573	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.82%			
32) Benzene-d6	5.34	84	1256254	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
36) 1,2-Dichloropropane-d6	6.32	67	430176	50.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.56%			
41) Toluene-d8	7.56	98	1069720	51.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.02%			
43) trans-1,3-Dichloropropene-	7.85	79	177519	48.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.64%			
47) 2-Hexanone-d5	8.31	63	438491	119.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.59%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	561294	49.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	346241	52.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.14%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	26699	2.652	ug/L #	60
13) Acetone	2.35	43	15763	2.280	ug/L	77
20) cis-1,2-Dichloroethene	4.22	96	232038	32.876	ug/L	91
34) Trichloroethene	6.18	95	171333	24.516	ug/L	99
46) Tetrachloroethene	8.22	164	38148	8.007	ug/L	98

7 MD 5/6/19

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