Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

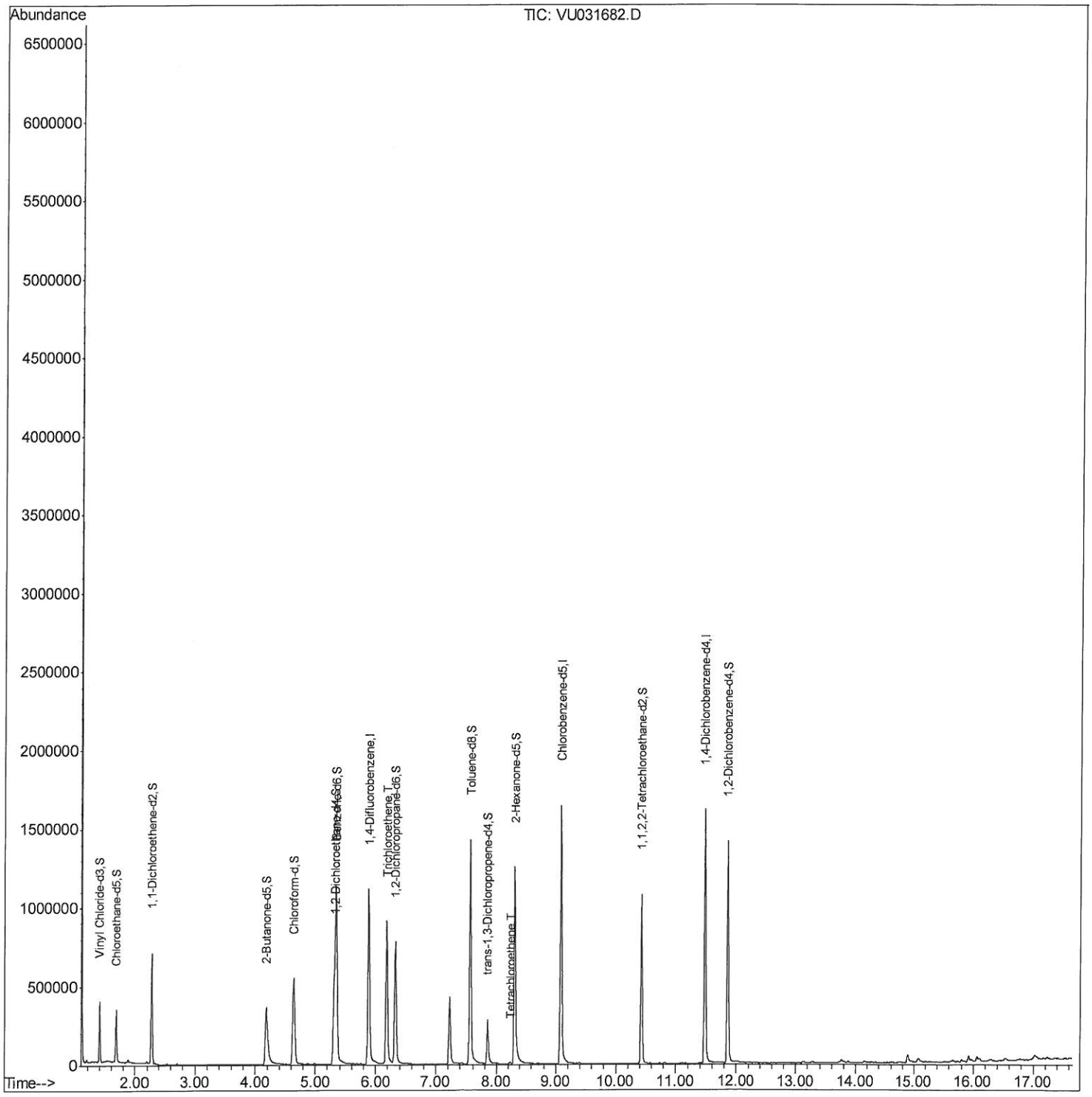
Quantitation Report (QT Reviewed)

Data File : VU031682.D
Acq On : 01 May 2019 14:20
Operator : JC/SP
Sample : K2593-16DL 4000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 04:51:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XB6DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:49 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

Quantitation Report (Qedit)

Data File : VU031682.D
Acq On : 01 May 2019 14:20
Operator : JC/SP
Sample : K2593-16DL 4000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 02:27:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
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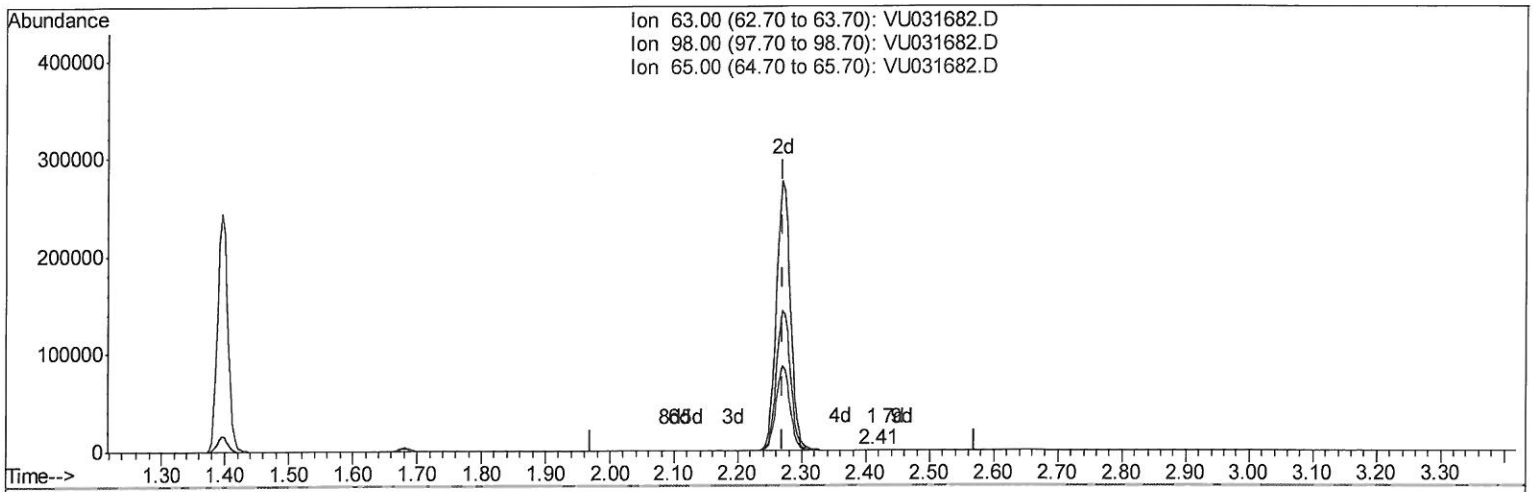
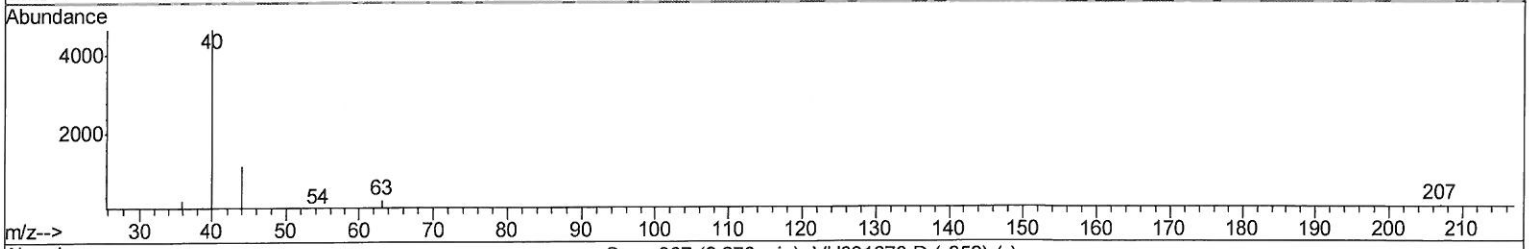
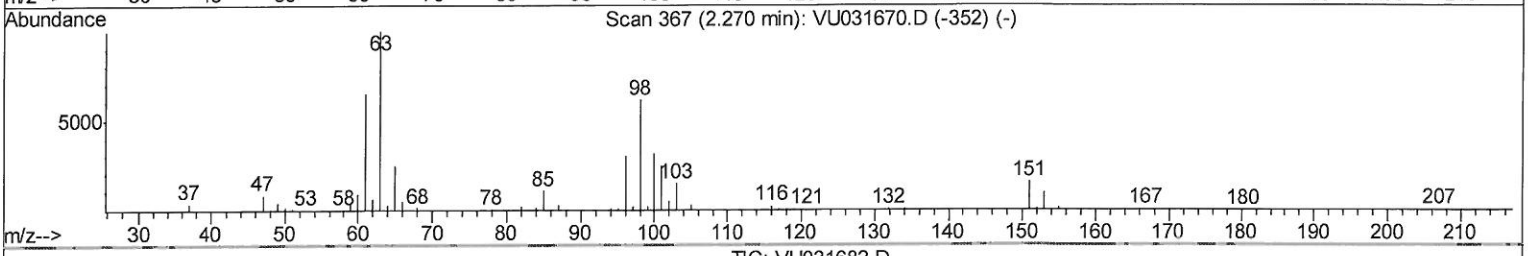
Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:49 AM







TIC: VU031682.D

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

2.412min (+0.142) 0.02ug/L

response 272

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	48.90
65.00	23.40	27.94
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

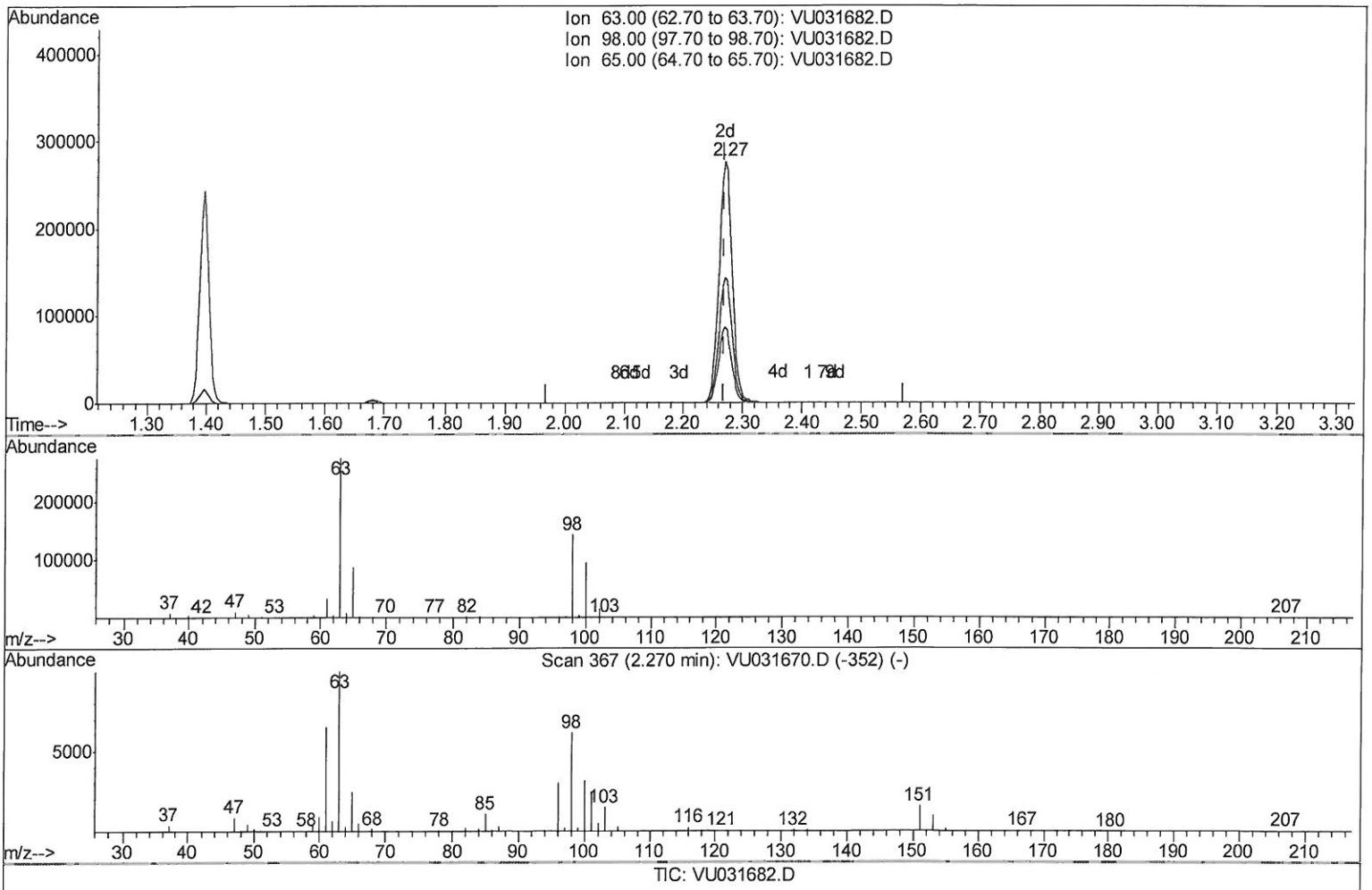
Quantitation Report (Qedit)

Data File : VU031682.D
Acq On : 01 May 2019 14:20
Operator : JC/SP
Sample : K2593-16DL 4000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 02 02:27:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XB6DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:49 AM



TIC: VU031682.D

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

2.270min (+0.000) 26.77ug/L m

response 421199

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.03#
65.00	23.40	0.02#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

Quantitation Report (QT Reviewed)

Data File : VU031682.D
Acq On : 01 May 2019 14:20
Operator : JC/SP
Sample : K2593-16DL 4000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB6DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:49 AM

Quant Time: May 02 04:51:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	944013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	914597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	411441	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	256029	32.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.82%			
7) Chloroethane-d5	1.68	69	235314	38.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.08%			
11) 1,1-Dichloroethene-d2	2.27	63	421199m	26.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.54%#			
21) 2-Butanone-d5	4.18	46	704095	98.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.36%			
24) Chloroform-d	4.64	84	549673	37.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.98%			
26) 1,2-Dichloroethane-d4	5.31	65	375729	39.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.50%			
32) Benzene-d6	5.34	84	1141654	40.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.30%			
36) 1,2-Dichloropropane-d6	6.33	67	417521	42.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.52%			
41) Toluene-d8	7.56	98	987214	40.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.72%			
43) trans-1,3-Dichloropropene-	7.85	79	176855	41.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.40%			
47) 2-Hexanone-d5	8.31	63	449795	105.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	559885	42.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	373008	43.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.22%			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	337120	41.359	ug/L	98
46) Tetrachloroethene	8.23	164	2839	0.511	ug/L	75

MD 5/2/19

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