Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

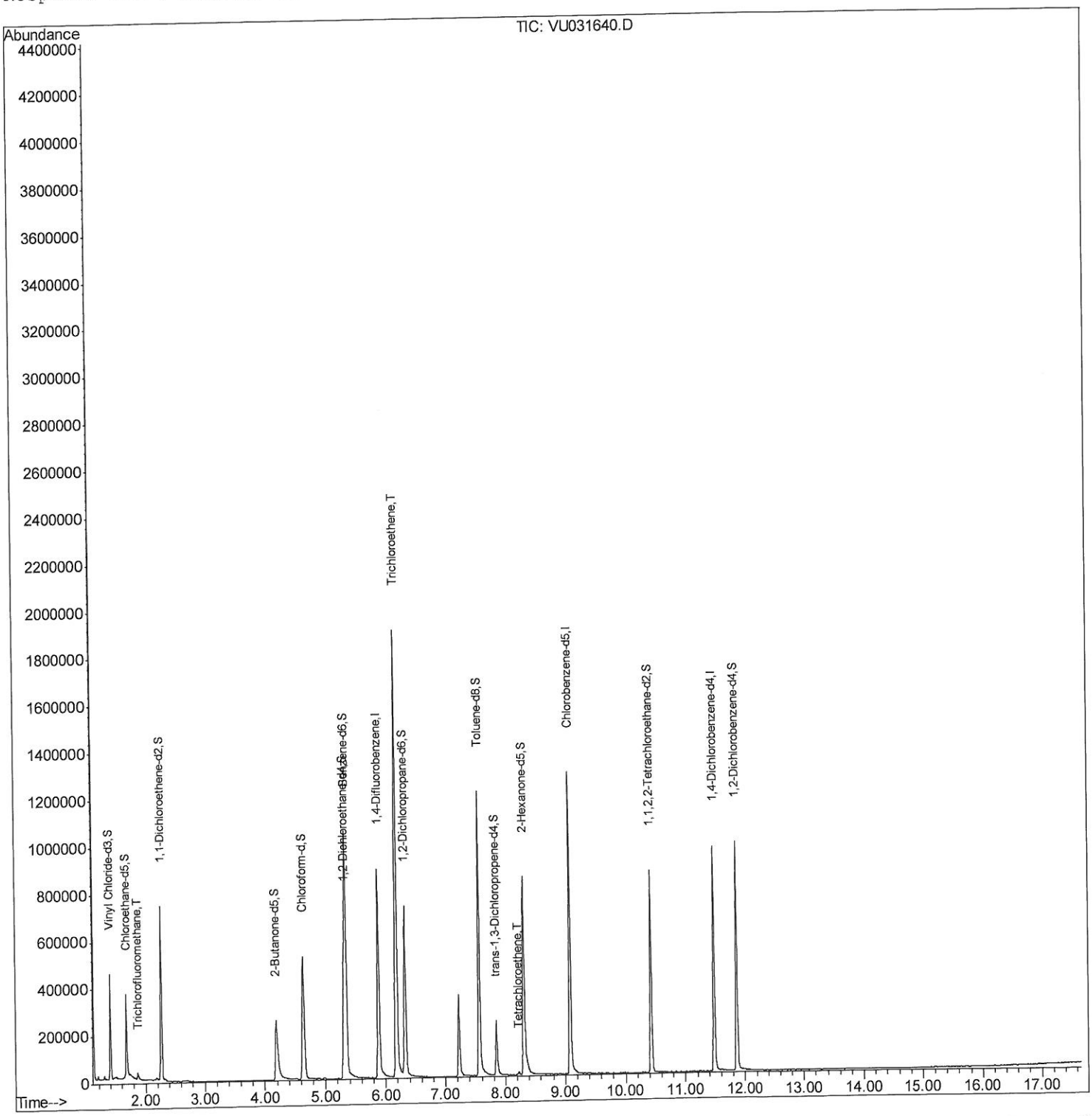
Quantitation Report (QT Reviewed)

Data File : VU031640.D
Acq On : 30 Apr 2019 17:39
Operator : JC/SP
Sample : K2593-09DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 02:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0X73DL

Manual Integrations APPROVED
MMDadoda
5/1/2019 11:16:33 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

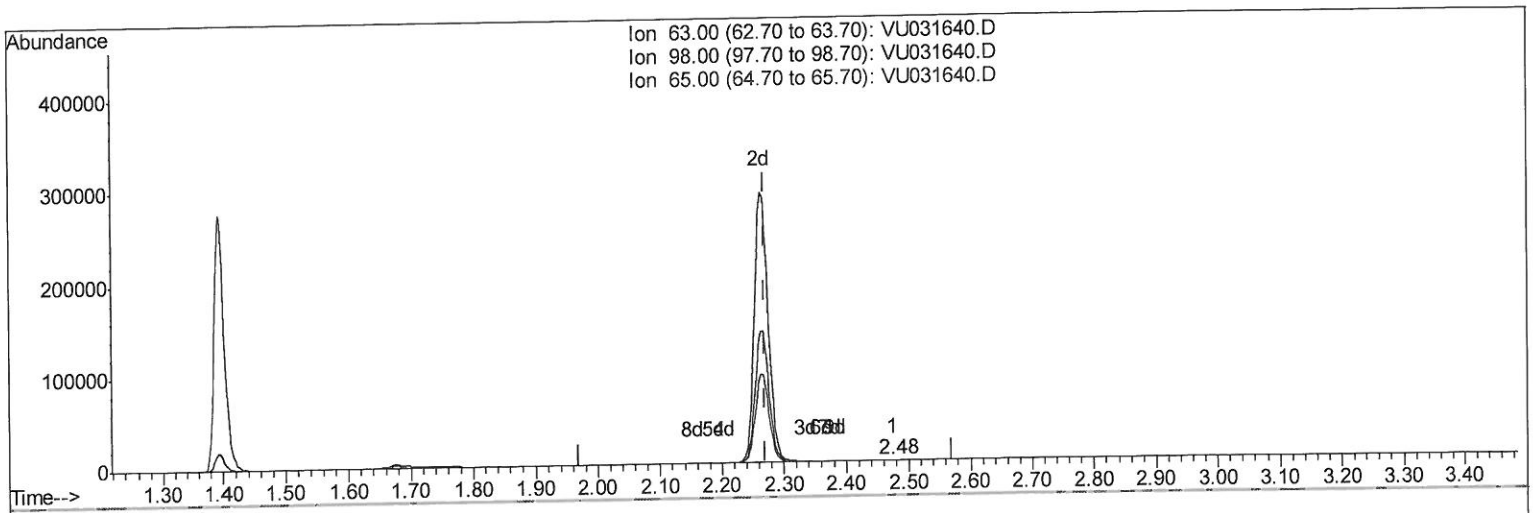
Quantitation Report (Qedit)

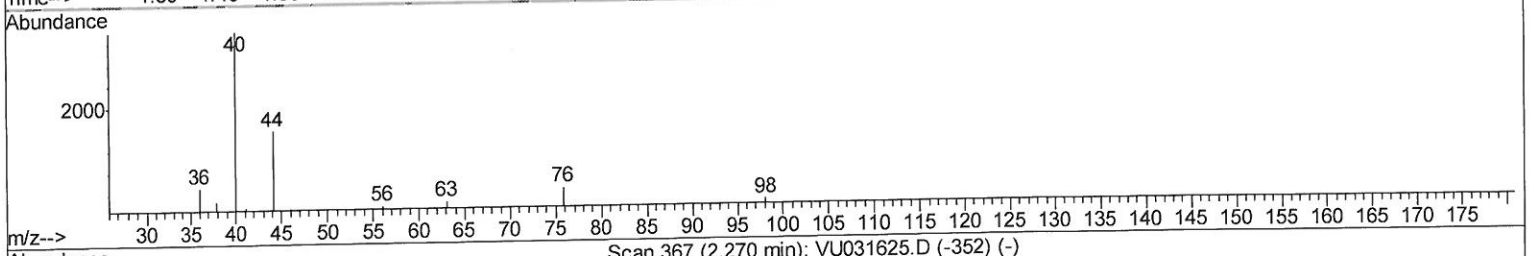
Data File : VU031640.D
Acq On : 30 Apr 2019 17:39
Operator : JC/SP
Sample : K2593-09DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

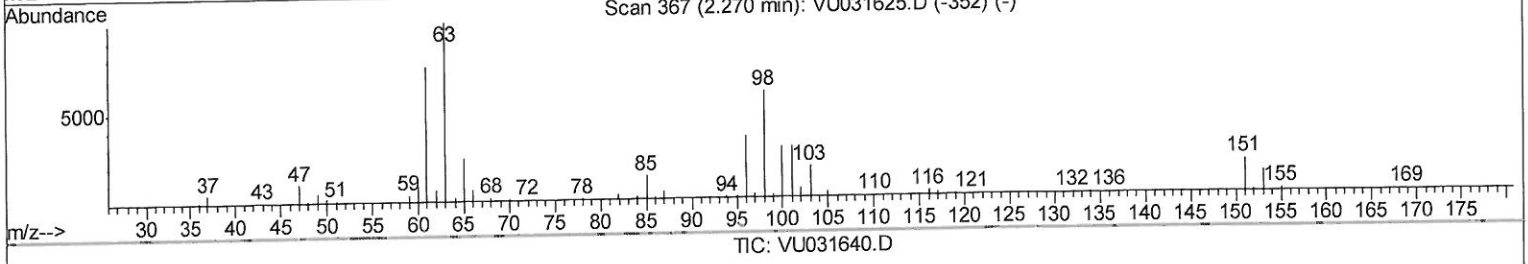
Quant Time: May 01 01:43:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0X73DL

Manual Integrations APPROVED
MMDadoda
5/1/2019 11:16:33 AM







TIC: VU031640.D

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

2.476min (+0.206) 0.01ug/L

response 157

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	61.15
65.00	23.40	26.11
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (Qedit)

Data File : VU031640.D
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Operator : JC/SP
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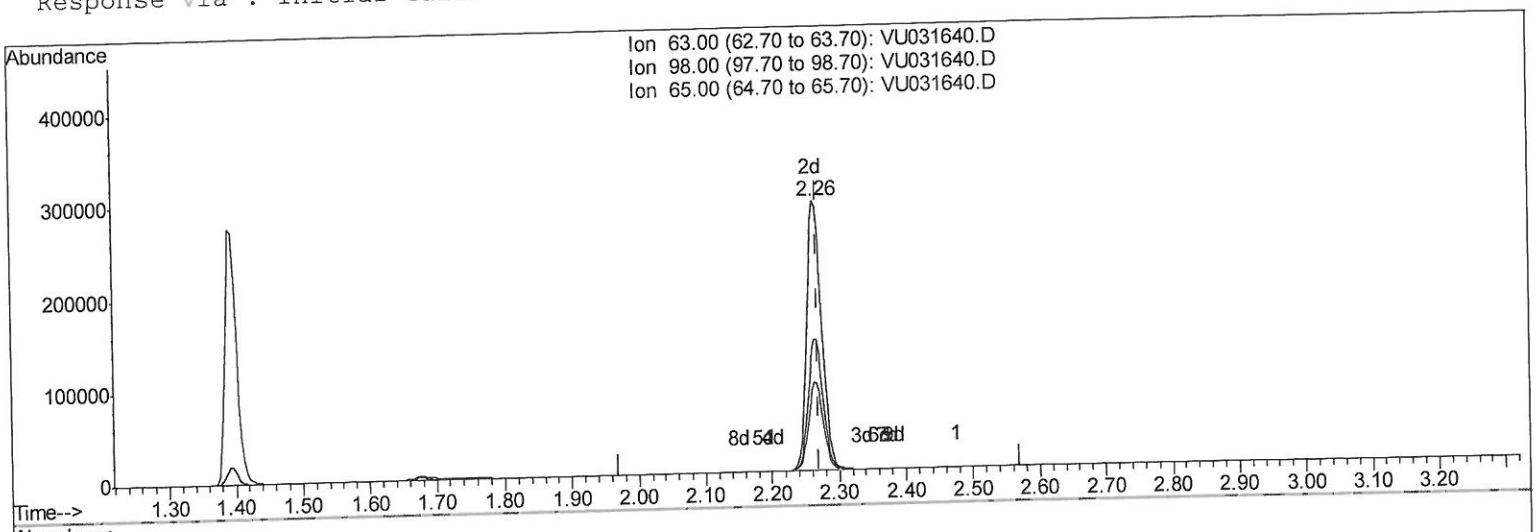
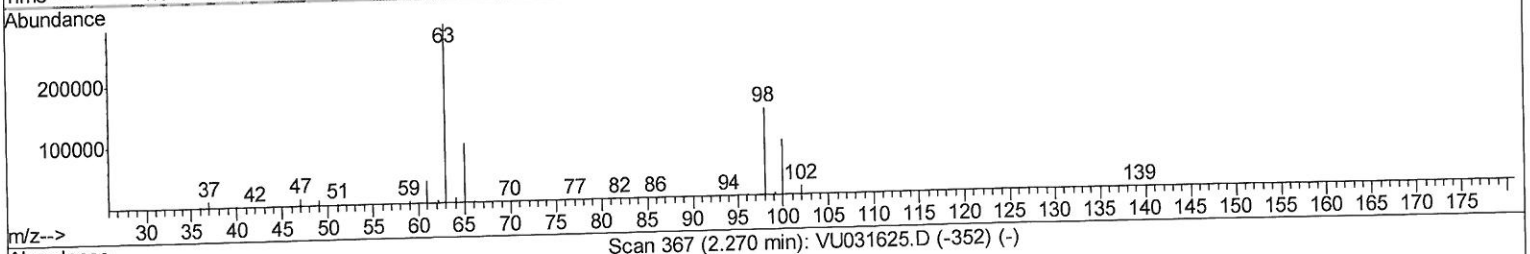
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 01:43:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

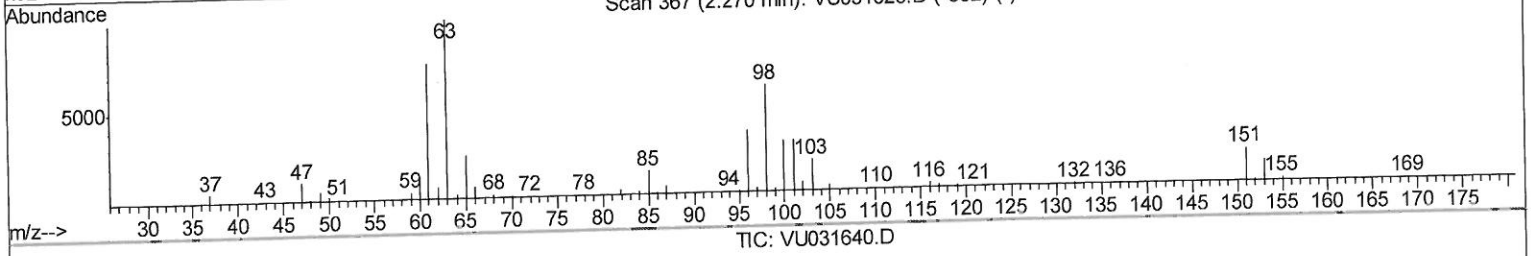
Instrument :
MSVOA_U
ClientSampleId :
C0X73DL

Manual Integrations APPROVED
MMDadoda
5/1/2019 11:16:33 AM





Scan 367 (2.270 min): VU031625.D (-352) (-)



TIC: VU031640.D

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

2.264min (-0.006) 39.04ug/L m

response 448771

> MD 5/2/19

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (QT Reviewed)

Data File : VU031640.D
Acq On : 30 Apr 2019 17:39
Operator : JC/SP
Sample : K2593-09DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X73DL

Manual Integrations APPROVED
MMDadoda
5/1/2019 11:16:33 AM

Quant Time: May 01 02:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	689776	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	662313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228991	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	308437	53.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.86%			
7) Chloroethane-d5	1.68	69	227726	51.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.10%			
11) 1,1-Dichloroethene-d2	2.26	63	448771m	39.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.08%			
21) 2-Butanone-d5	4.19	46	501168	95.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.82%			
24) Chloroform-d	4.64	84	518004	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
26) 1,2-Dichloroethane-d4	5.31	65	358543	51.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.82%			
32) Benzene-d6	5.33	84	999498	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
36) 1,2-Dichloropropane-d6	6.32	67	362401	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.30%			
41) Toluene-d8	7.56	98	789094	44.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.10%			
43) trans-1,3-Dichloropropene-	7.85	79	134017	43.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.26%			
47) 2-Hexanone-d5	8.31	63	271867	87.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	439142	45.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.46%			
64) 1,2-Dichlorobenzene-d4	11.86	152	228428	47.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.86%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.87	101	9667	0.988	ug/L	95
34) Trichloroethene	6.18	95	702647	119.039	ug/L	94
46) Tetrachloroethene	8.22	164	2816	0.700	ug/L	91

> MD 5/2/19

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