

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031919\
Quantitation Report (QT Reviewed)

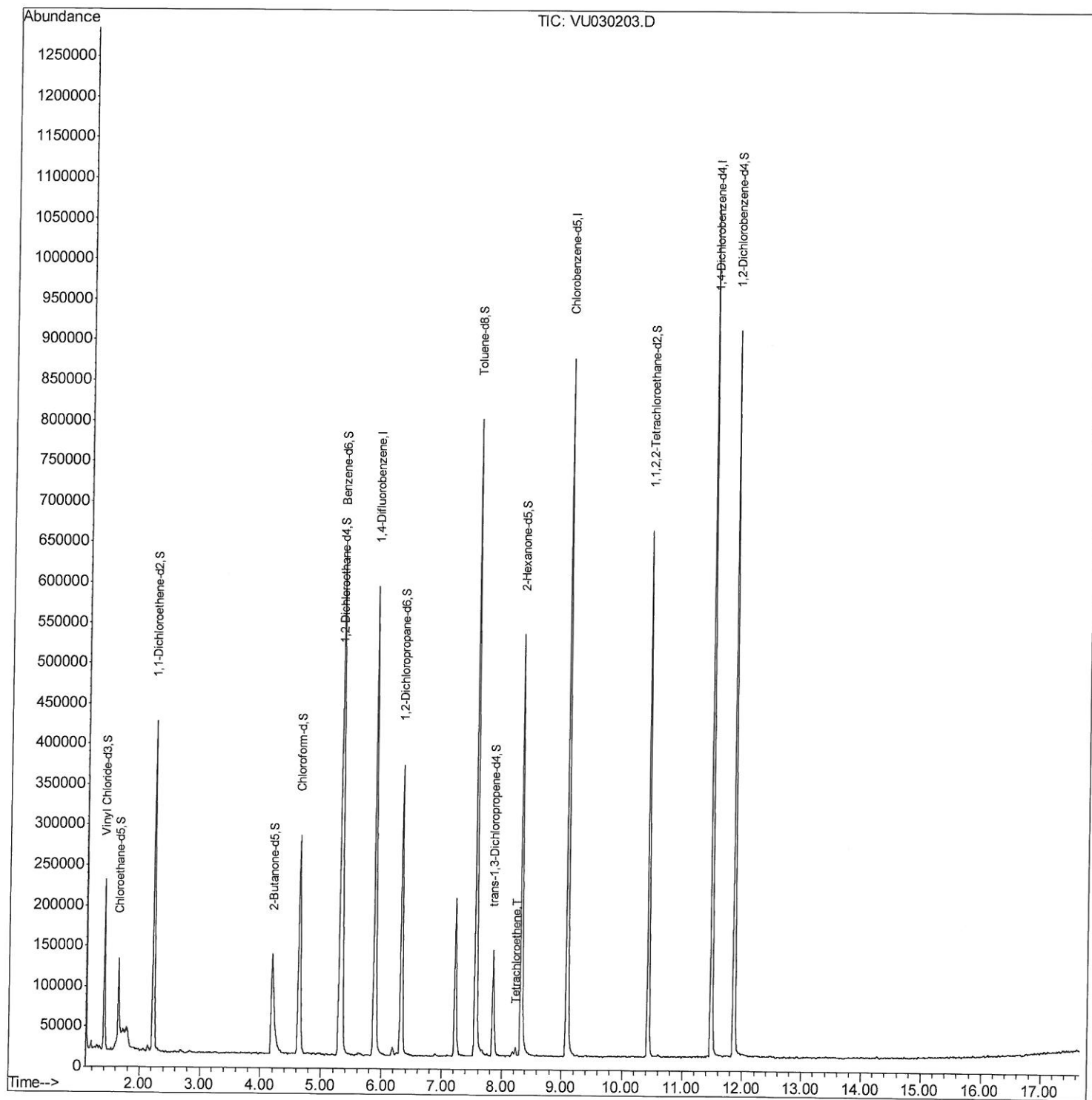
Data File : VU030203.D
Acq On : 19 Mar 2019 19:03
Operator : JC/SP
Sample : K1986-05
Misc : 6.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B2

Manual Integrations
APPROVED

MMDadoda
3/20/2019 3:15:33 PM

Quant Time: Mar 20 04:22:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 02:58:59 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031919\
Quantitation Report (Qedit)

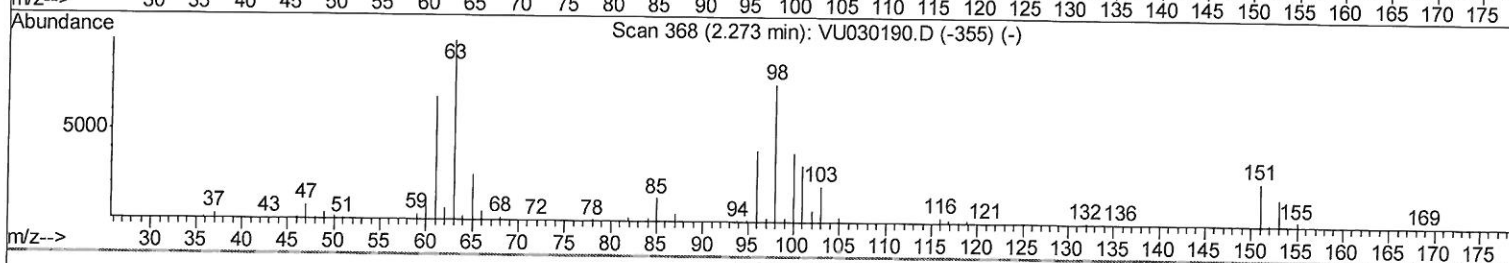
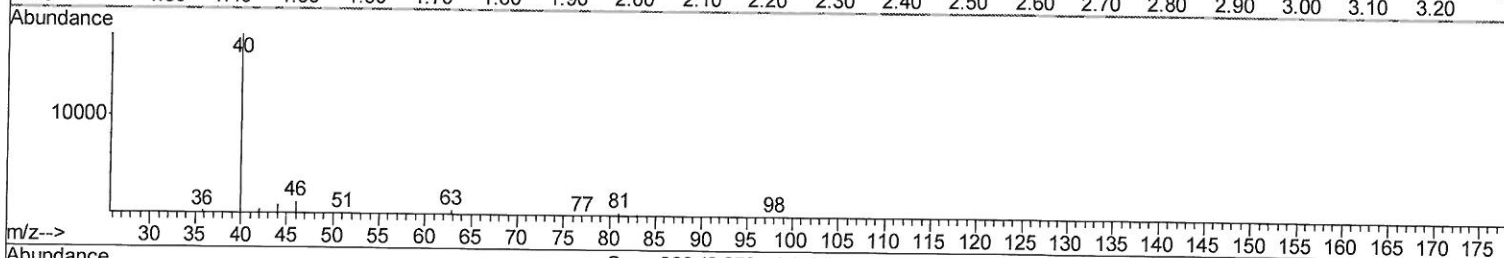
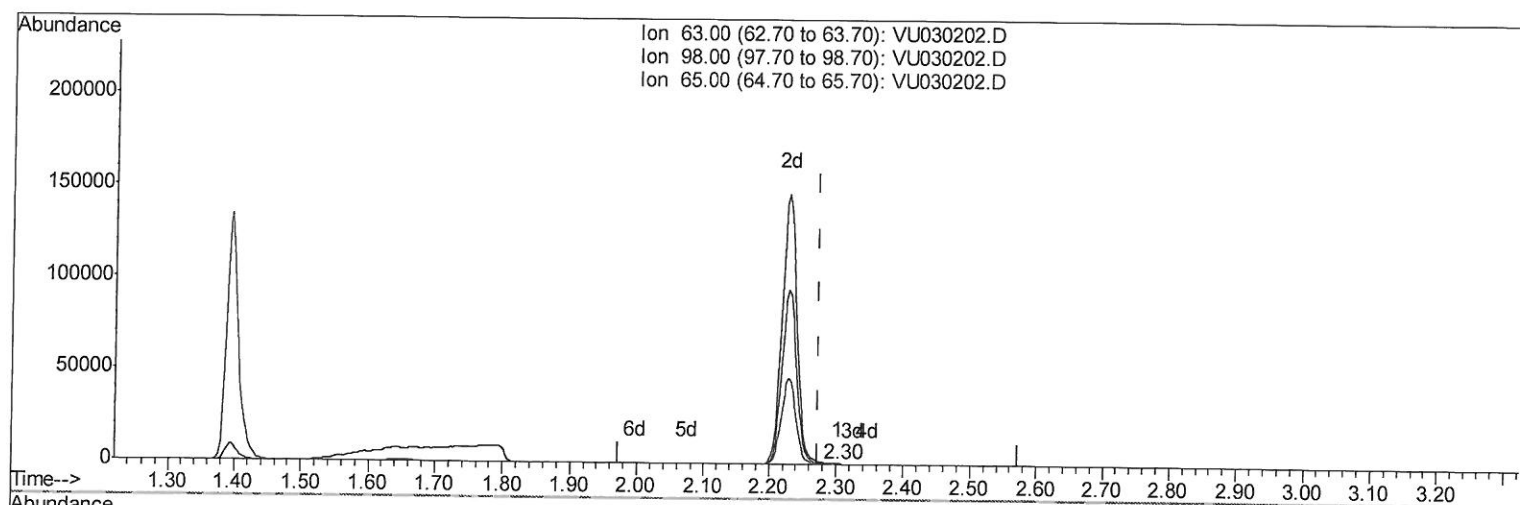
Data File : VU030202.D
Acq On : 19 Mar 2019 18:40
Operator : JC/SP
Sample : K1986-04
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B2

Manual Integrations
APPROVED

MMDadoda
3/20/2019 3:15:33 PM

Quant Time: Mar 20 03:03:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 02:58:59 2019
Response via : Initial Calibration



TIC: VU030202.D

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

2.302min (+0.029) 0.06ug/L

response 436

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	0.00#
65.00	23.80	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031919\
Quantitation Report (Qedit)

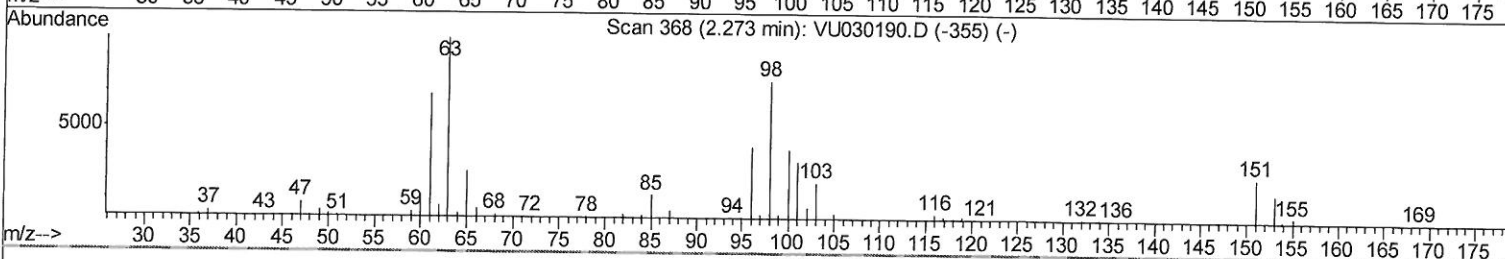
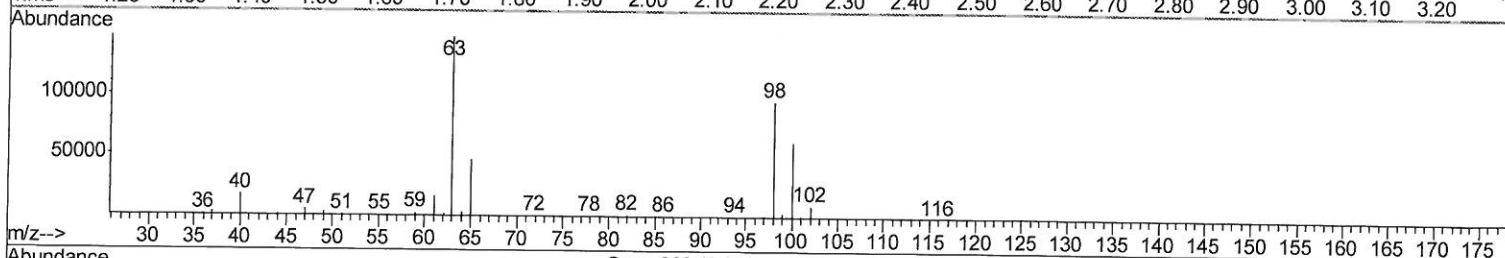
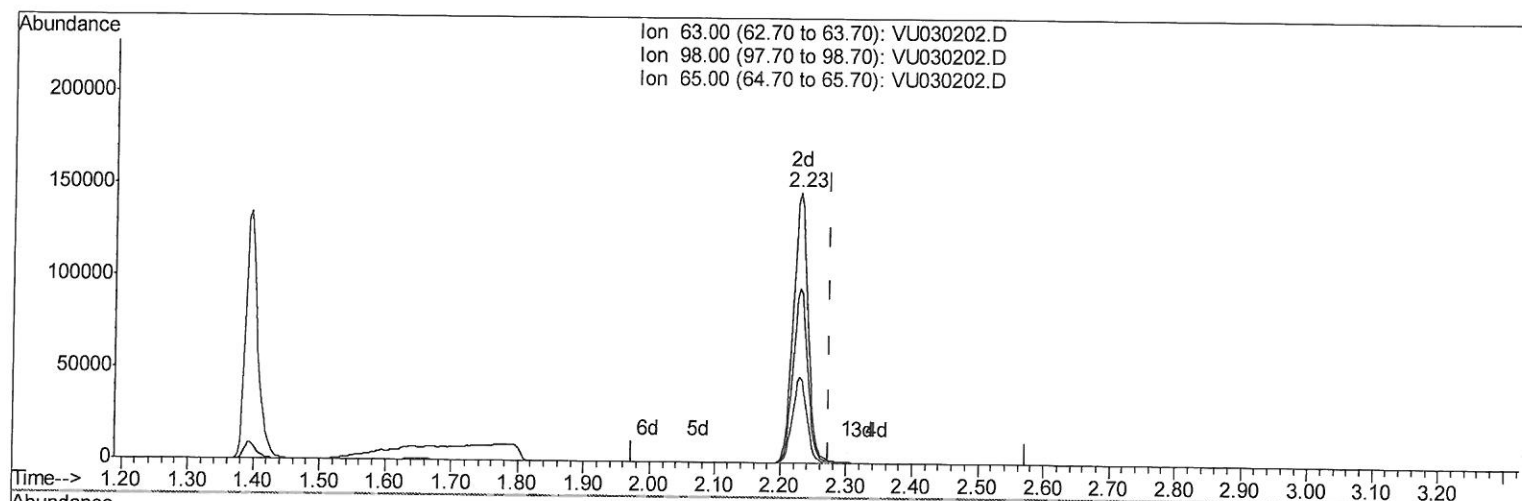
Data File : VU030202.D
Acq On : 19 Mar 2019 18:40
Operator : JC/SP
Sample : K1986-04
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/NEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0B2

Manual Integrations
APPROVED

MMDadoda
3/20/2019 3:15:33 PM

Quant Time: Mar 20 03:03:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 02:58:59 2019
Response via : Initial Calibration



TIC: VU030202.D

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

2.228min (-0.045) 32.46ug/L m

response 227517

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	0.00#
65.00	23.80	0.00#
0.00	0.00	0.00

7 MD
3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031919\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030202.D

Acq On : 19 Mar 2019 18:40

Operator : JC/SP

Sample : K1986-04

Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 22 Sample Multiplier: 1

Instrument :

MSVOA_U

ClientSampleId :

BF0B2

Manual Integrations

APPROVED

MMDadoda

3/20/2019 3:15:33 PM

Quant Time: Mar 20 04:14:45 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 20 02:58:59 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	568195	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	305197	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167364	43.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.12%		
7) Chloroethane-d5	1.64	69	74353	24.20	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.40%#		
11) 1,1-Dichloroethene-d2	2.23	63	227517m	32.46	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.92%		
21) 2-Butanone-d5	4.19	46	251327	88.18	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.18%		
24) Chloroform-d	4.64	84	293052	41.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.12%		
26) 1,2-Dichloroethane-d4	5.30	65	176562	43.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.80%		
32) Benzene-d6	5.33	84	651662	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.62%		
36) 1,2-Dichloropropane-d6	6.32	67	201726	42.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.64%		
41) Toluene-d8	7.56	98	593022	41.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.86%		
43) trans-1,3-Dichloropropene-	7.85	79	90883	39.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.24%		
47) 2-Hexanone-d5	8.32	63	225273	92.22	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.22%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330310	45.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.42%		
64) 1,2-Dichlorobenzene-d4	11.86	152	266998	43.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.14%		

7 m2
3/27/19

Target Compounds

						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	5585	1.276	ug/L	95
34) Trichloroethene	6.18	95	5571	1.268	ug/L	94

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