

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030152.D

Acq On : 16 Mar 2019 18:04

Operator : JC/SP

Sample : K1936-08

Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 05:53:51 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Mar 18 04:23:56 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

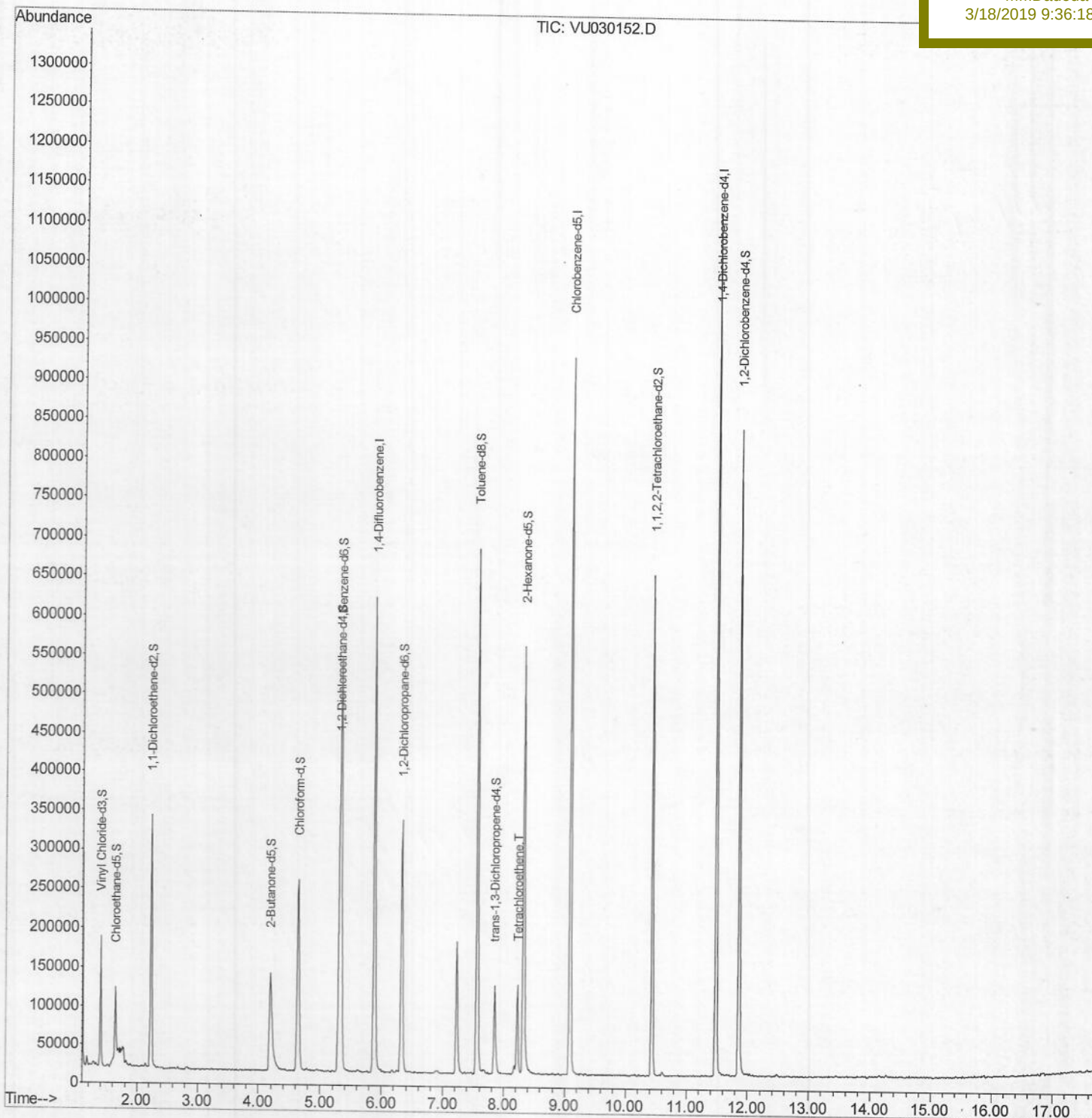
BF0W5

Manual Integrations

APPROVED

MMDadoda

3/18/2019 9:36:18 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\
Quantitation Report (Qedit)

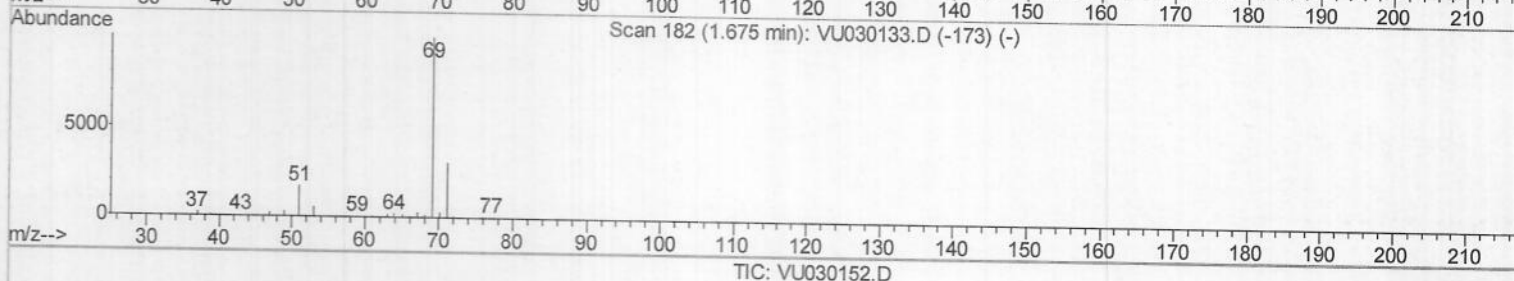
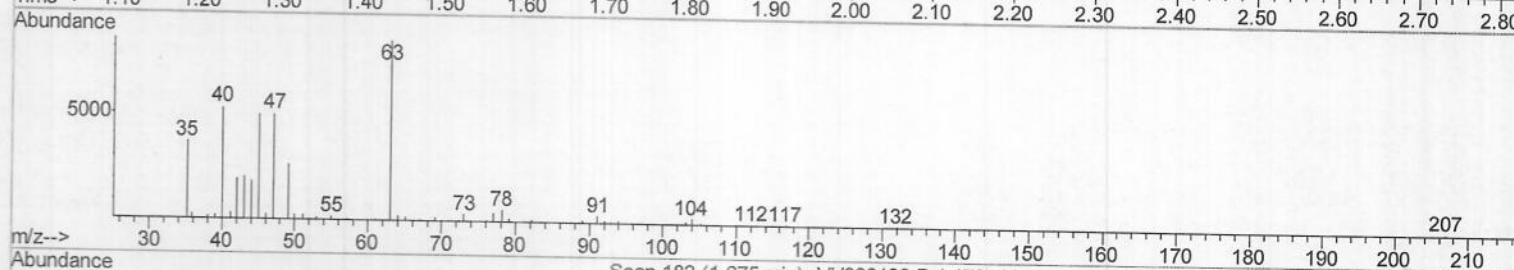
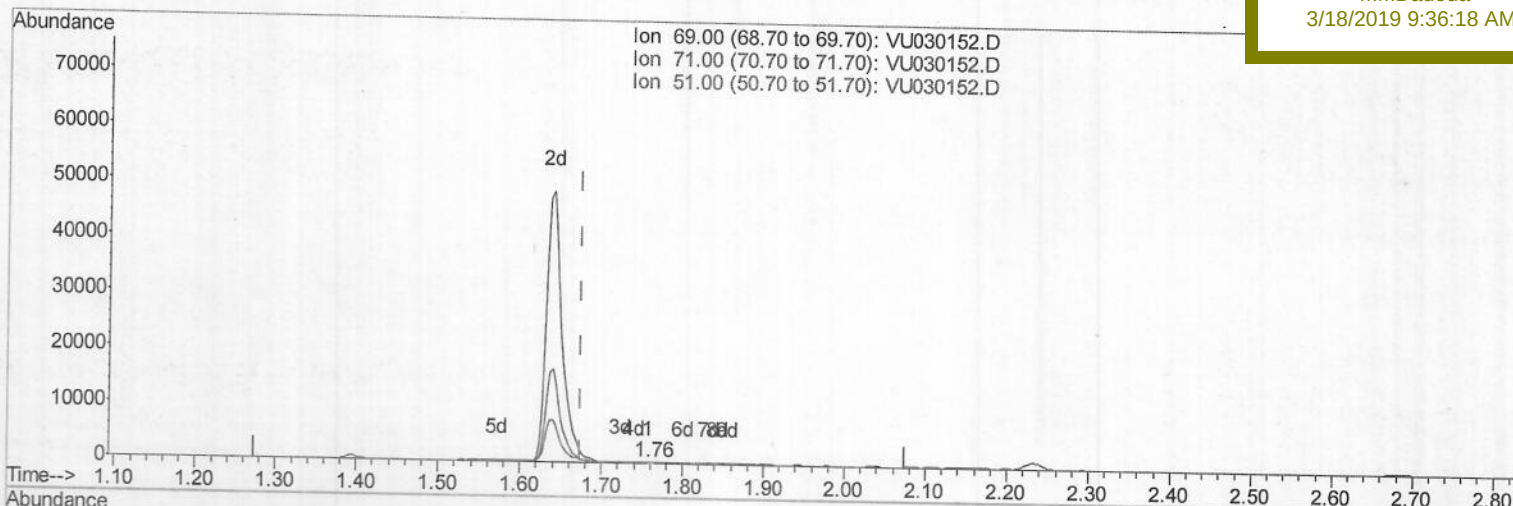
Data File : VU030152.D
Acq On : 16 Mar 2019 18:04
Operator : JC/SP
Sample : K1936-08
Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 04:29:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0W5

Manual Integrations
APPROVED

MMDadoda
3/18/2019 9:36:18 AM



(7) Chloroethane-d5 (S)

1.759min (+0.084) 0.12ug/L

response 357

Ion	Exp%	Act%
69.00	100	100
71.00	33.20	34.73
51.00	23.60	24.93
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\
Quantitation Report (Qedit)

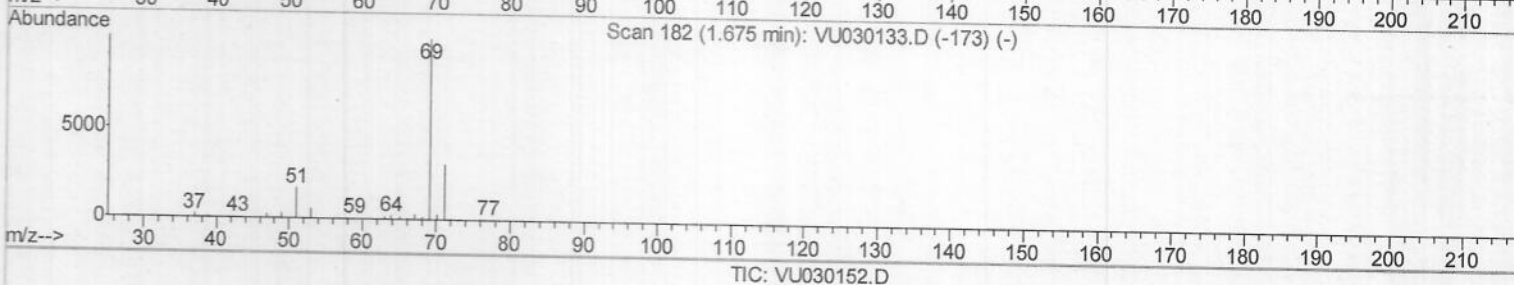
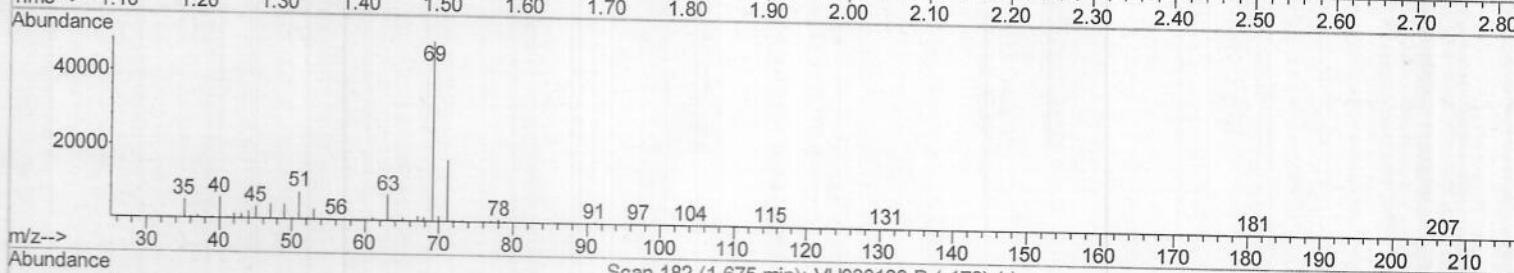
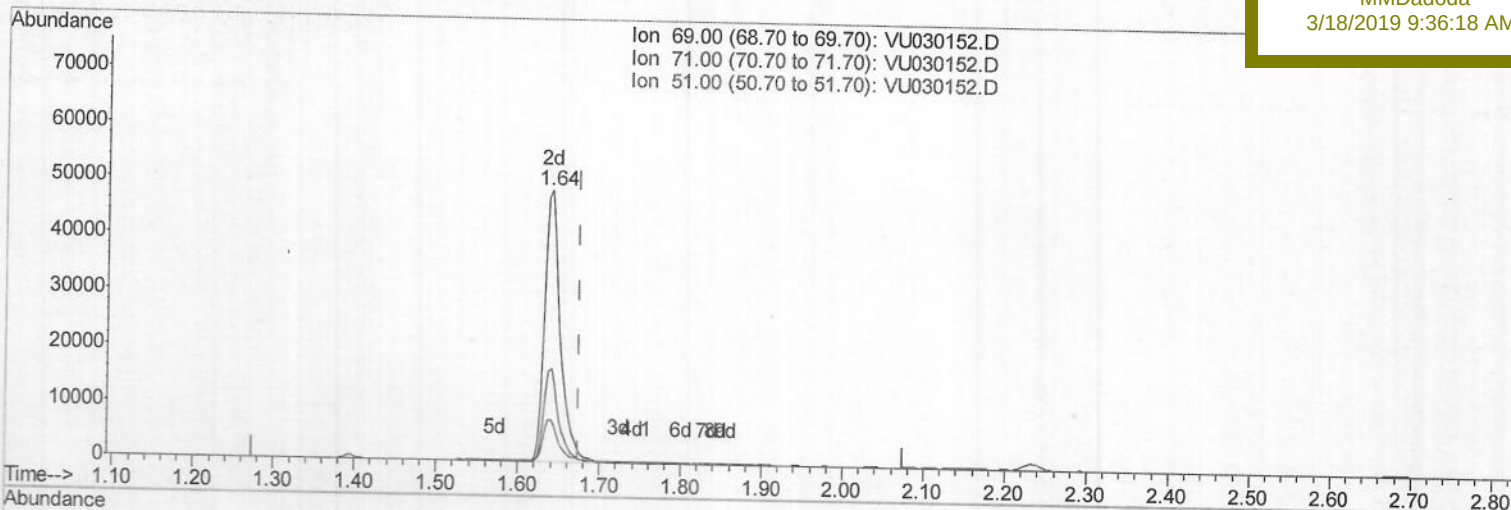
Data File : VU030152.D
Acq On : 16 Mar 2019 18:04
Operator : JC/SP
Sample : K1936-08
Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 04:29:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0W5

Manual Integrations
APPROVED

MMDadoda
3/18/2019 9:36:18 AM



(7) Chloroethane-d5 (S)

1.640min (-0.035) 20.75ug/L m

response 64174

Ion	Exp%	Act%
69.00	100	100
71.00	33.20	0.19#
51.00	23.60	0.14#
0.00	0.00	0.00

m.D
03/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\
Quantitation Report (Qedit)

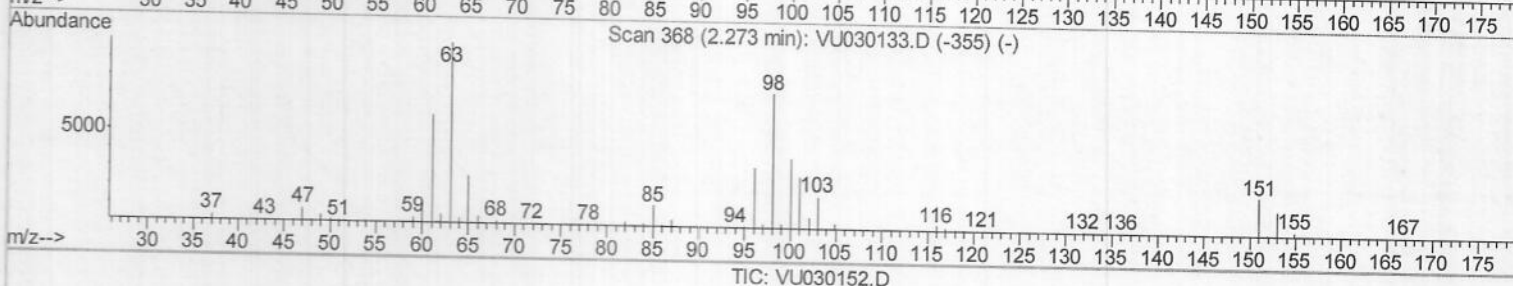
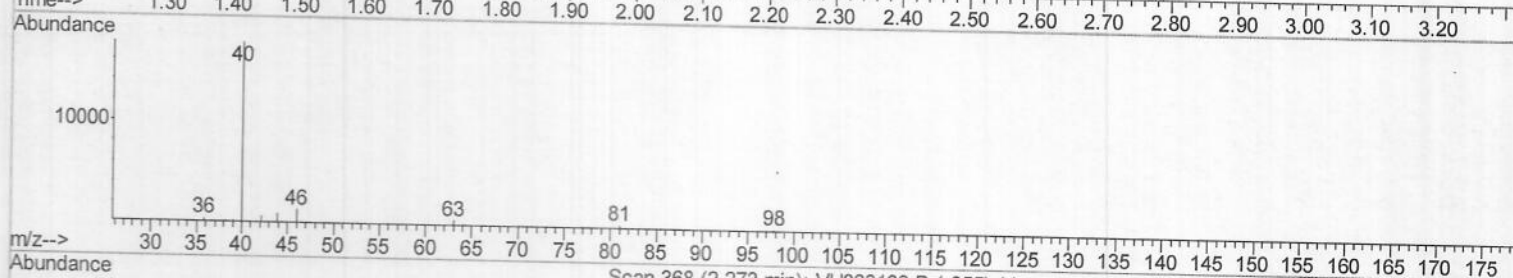
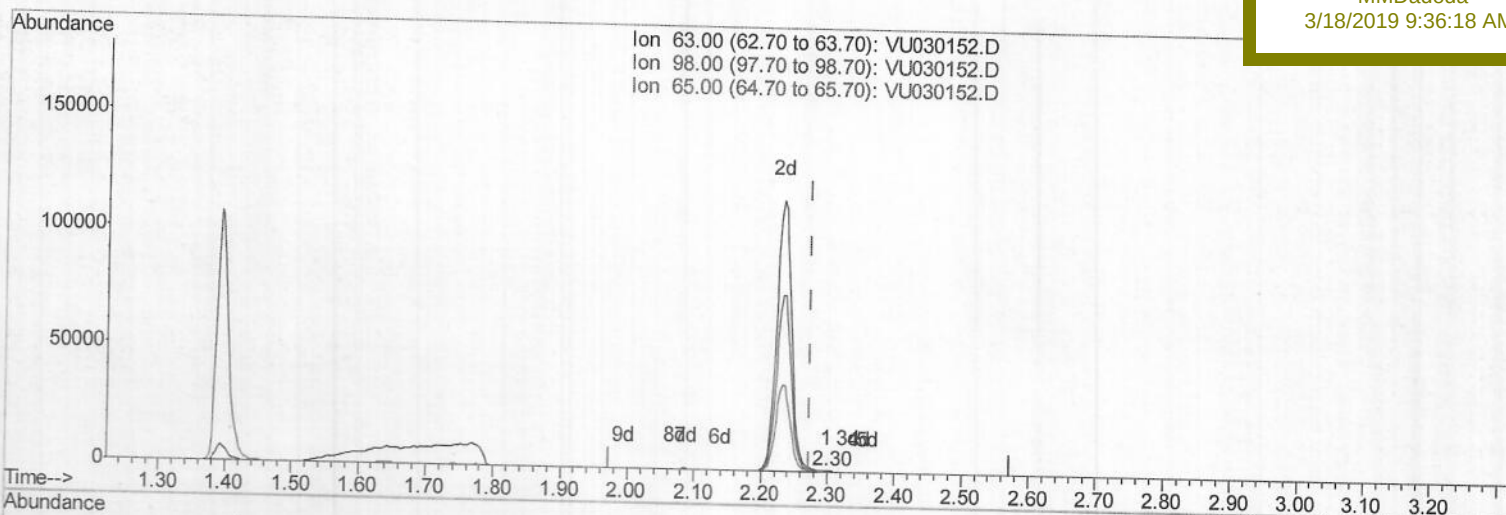
Data File : VU030152.D
Acq On : 16 Mar 2019 18:04
Operator : JC/SP
Sample : K1936-08
Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 04:29:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0W5

Manual Integrations
APPROVED

MMDadoda
3/18/2019 9:36:18 AM



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

2.299min (+0.026) 0.08ug/L

response 535

Ion	Exp%	Act%
63.00	100	100
98.00	82.00	0.00#
65.00	24.30	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\
Quantitation Report (Qedit)

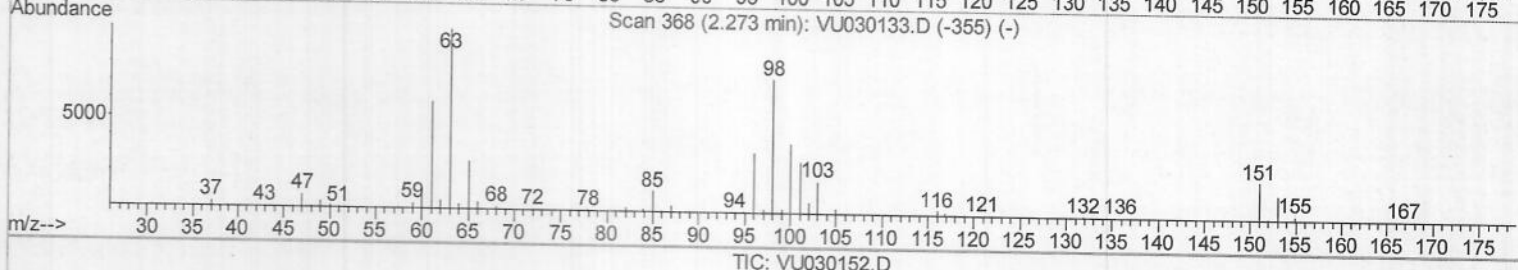
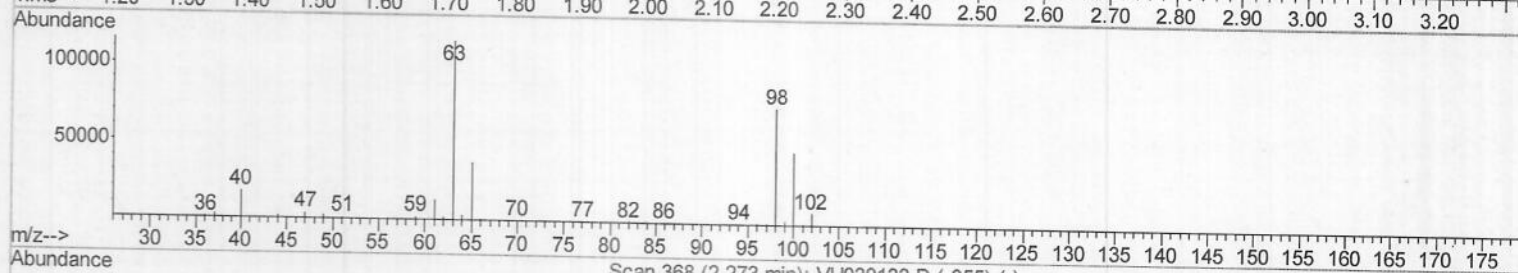
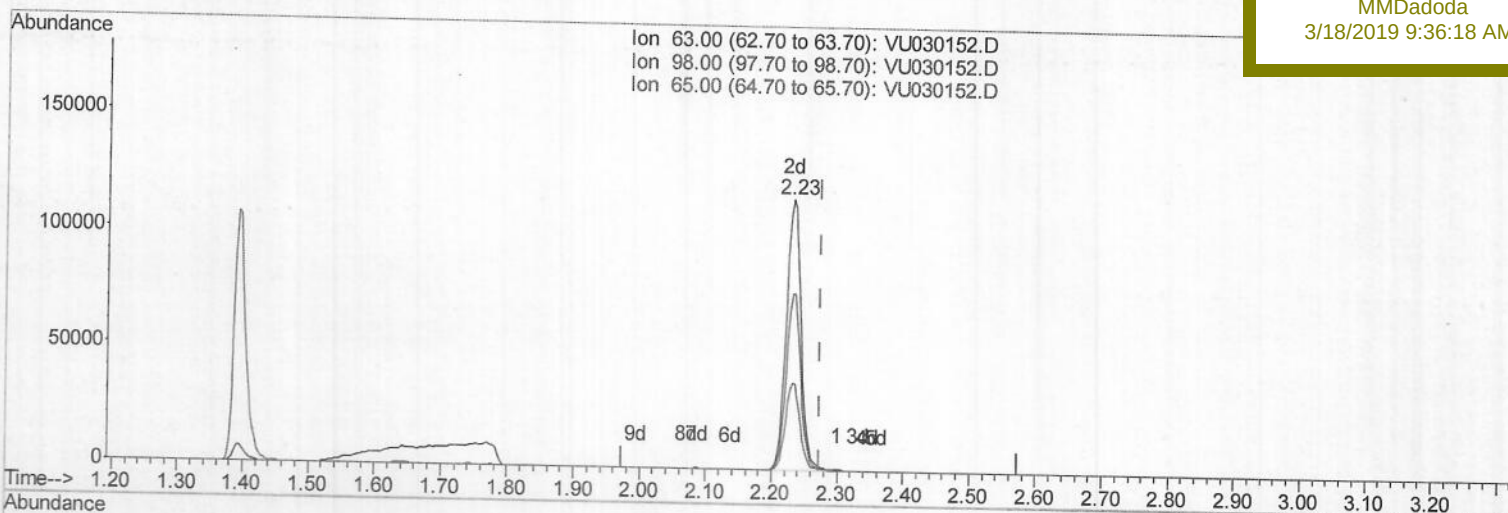
Data File : VU030152.D
Acq On : 16 Mar 2019 18:04
Operator : JC/SP
Sample : K1936-08
Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 04:29:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0W5

Manual Integrations
APPROVED

MMDadoda
3/18/2019 9:36:18 AM



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

2.232min (-0.042) 25.97ug/L m

response 179581

Ion	Exp%	Act%
63.00	100	100
98.00	82.00	0.00#
65.00	24.30	0.00#
0.00	0.00	0.00

m.p
03/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030152.D

Acq On : 16 Mar 2019 18:04

Operator : JC/SP

Sample : K1936-08

Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 18 05:53:51 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Mar 18 04:23:56 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

BF0W5

Manual Integrations

APPROVED

MMDadoda

3/18/2019 9:36:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	579167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	592588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129488	33.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.60%		
7) Chloroethane-d5	1.64	69	64174m	20.75	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	41.50%#		
11) 1,1-Dichloroethene-d2	2.23	63	179581m	25.97	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.94%#		
21) 2-Butanone-d5	4.19	46	251672	87.68	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.68%		
24) Chloroform-d	4.64	84	261661	38.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.16%		
26) 1,2-Dichloroethane-d4	5.30	65	160942	40.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.08%		
32) Benzene-d6	5.33	84	554487	36.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.70%		
36) 1,2-Dichloropropane-d6	6.32	67	178331	38.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.40%		
41) Toluene-d8	7.56	98	495296	34.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.36%#		
43) trans-1,3-Dichloropropene-	7.85	79	80558	35.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.24%		
47) 2-Hexanone-d5	8.32	63	233400	89.35	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.35%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322208	44.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.82%		
64) 1,2-Dichlorobenzene-d4	11.86	152	246297	40.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.38%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
46) Tetrachloroethene	8.22	164	28662	7.369	ug/L	100

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

m.p
03/20/19