Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

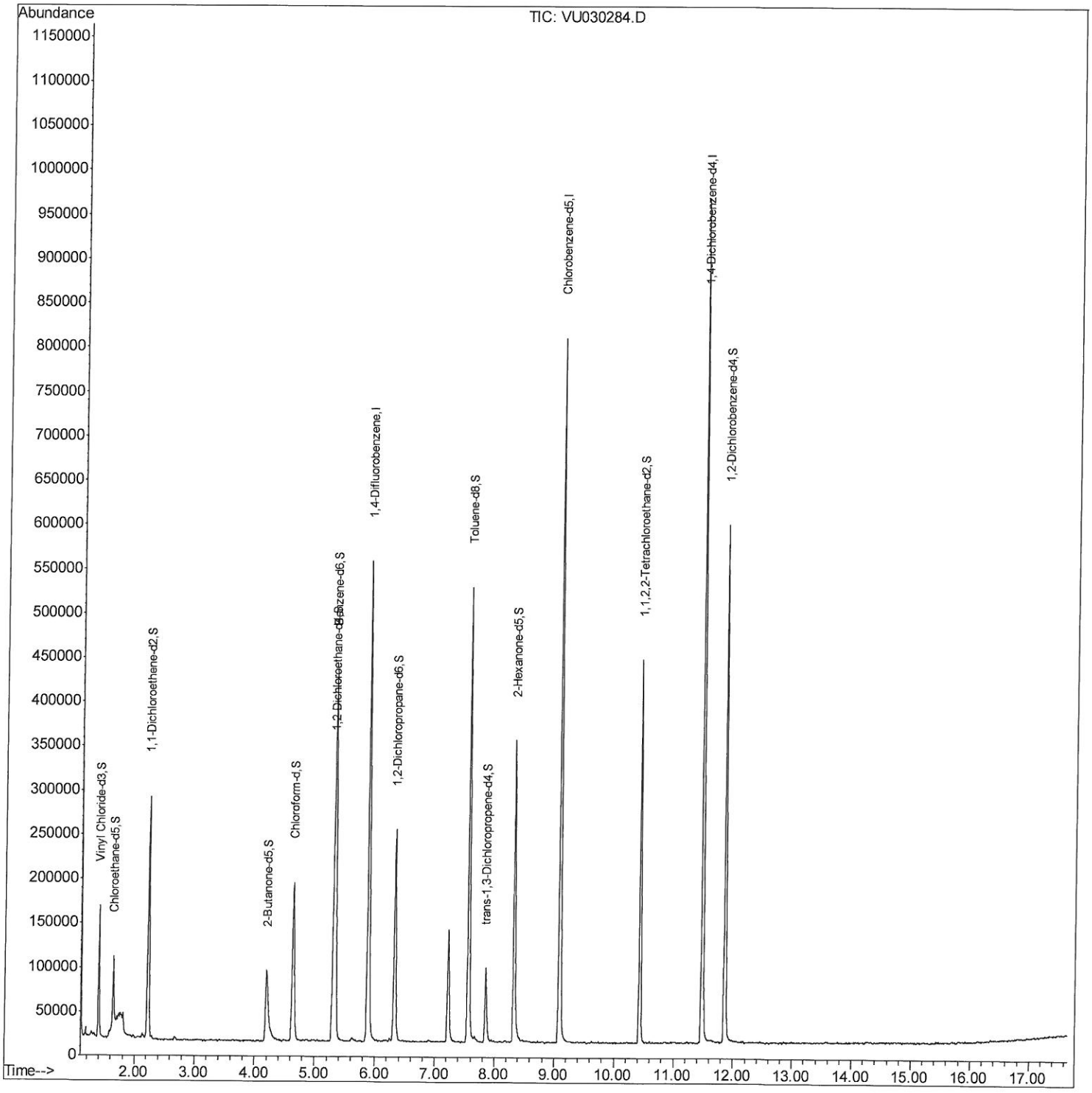
Quantitation Report (QT Reviewed)

Data File : VU030284.D
Acq On : 21 Mar 2019 22:24
Operator : JC/SP
Sample : K2017-16
Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 22 06:37:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E2

Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:17 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Qedit)

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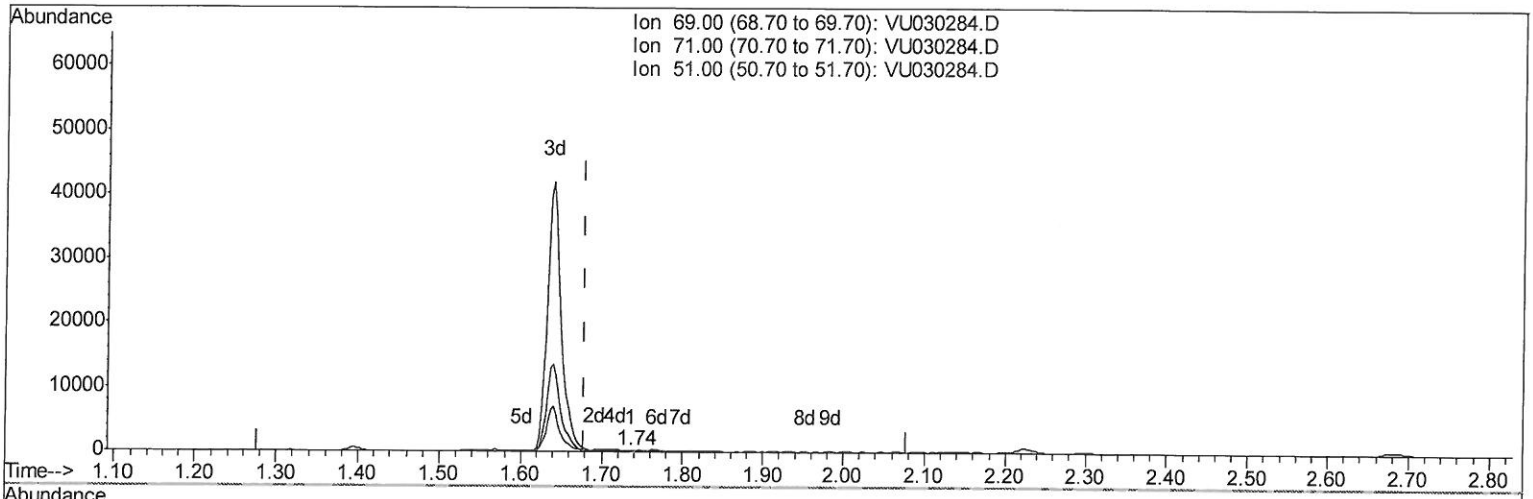

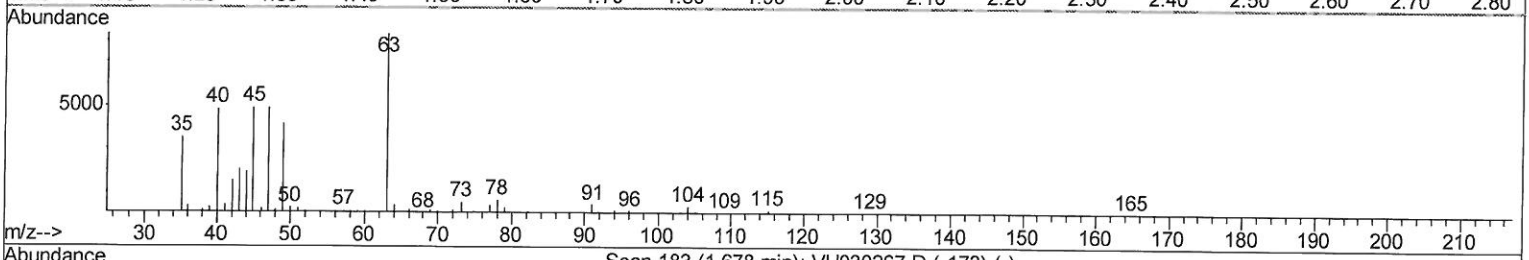

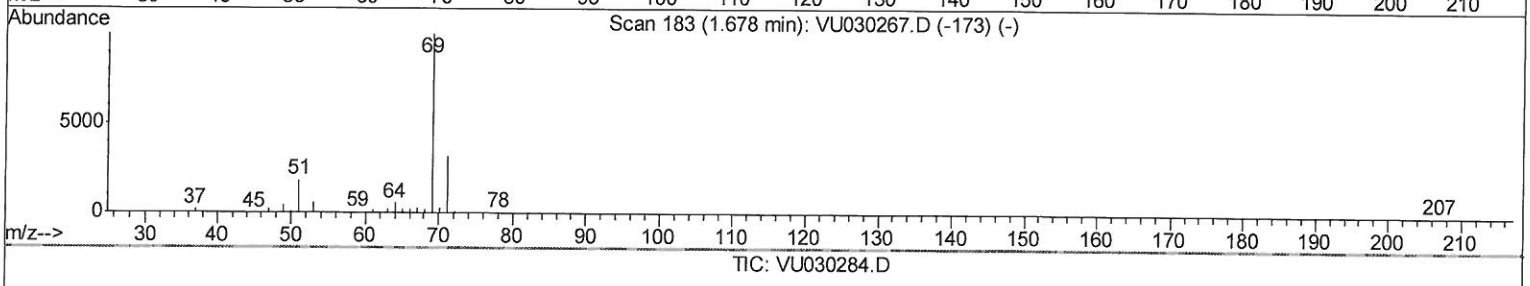

TIC: VU030284.D

(7) Chloroethane-d5 (S)

1.736min (+0.058) 0.06ug/L

response 162

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	25.31
51.00	24.00	23.46
0.00	0.00	0.00

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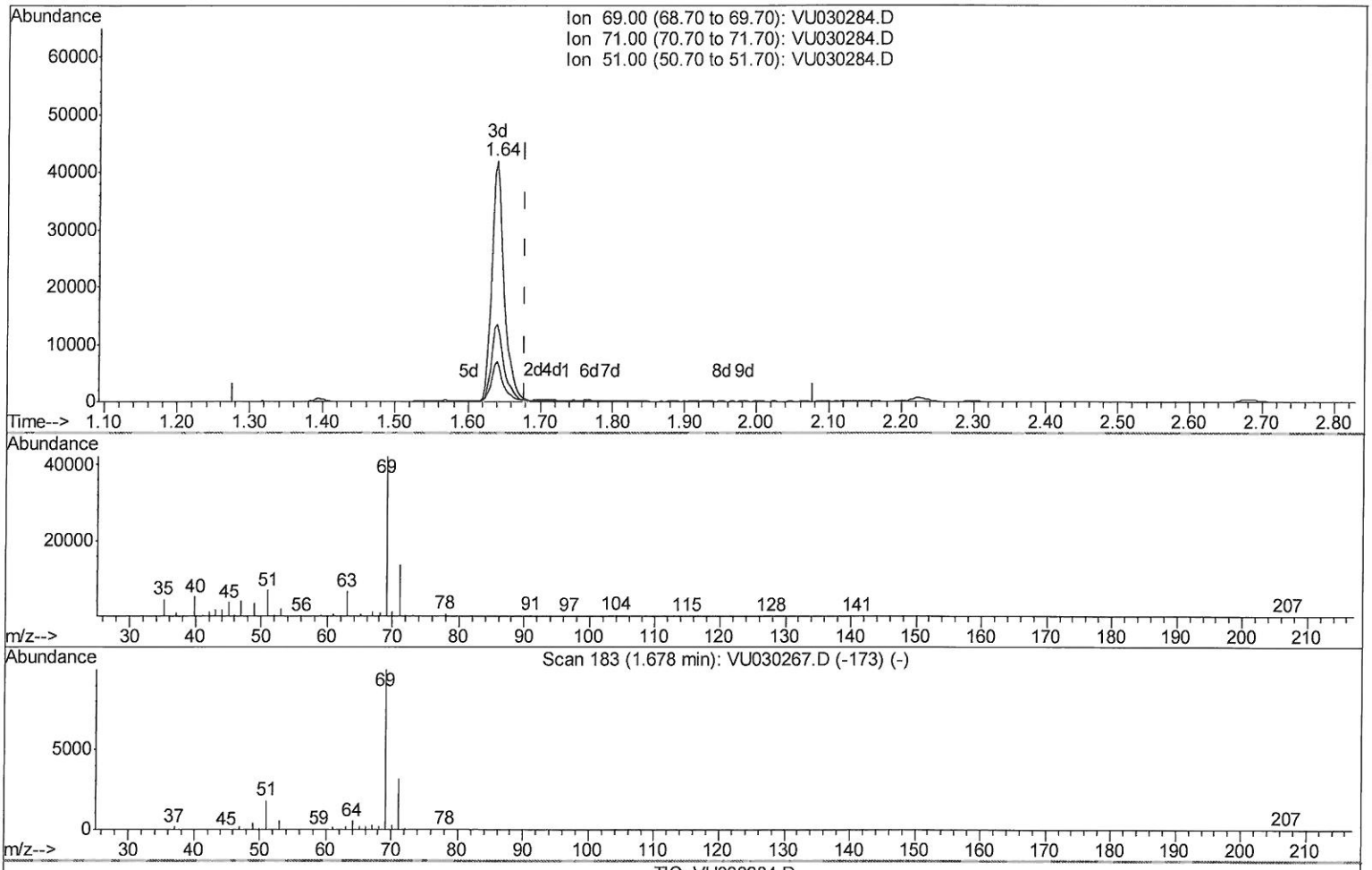
Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:17 PM



TIC: VU030284.D

(7) Chloroethane-d5 (S)

1.640min (-0.039) 17.84ug/L m

response 50642

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.08#
51.00	24.00	0.08#
0.00	0.00	0.00

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3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Qedit)

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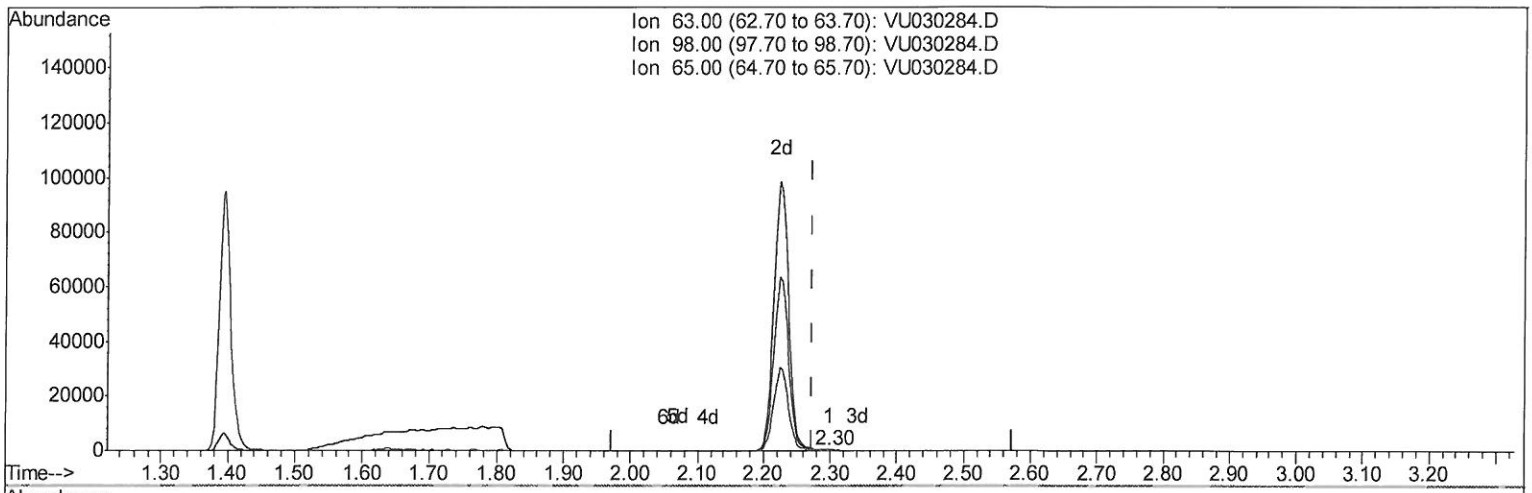

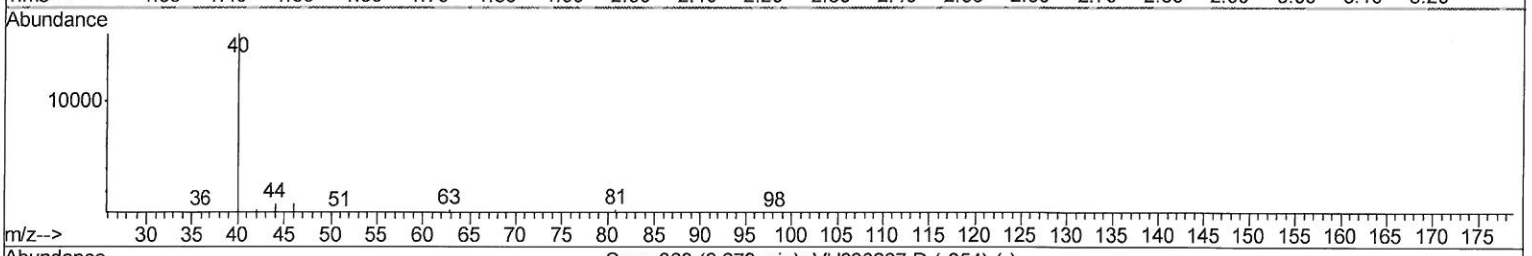

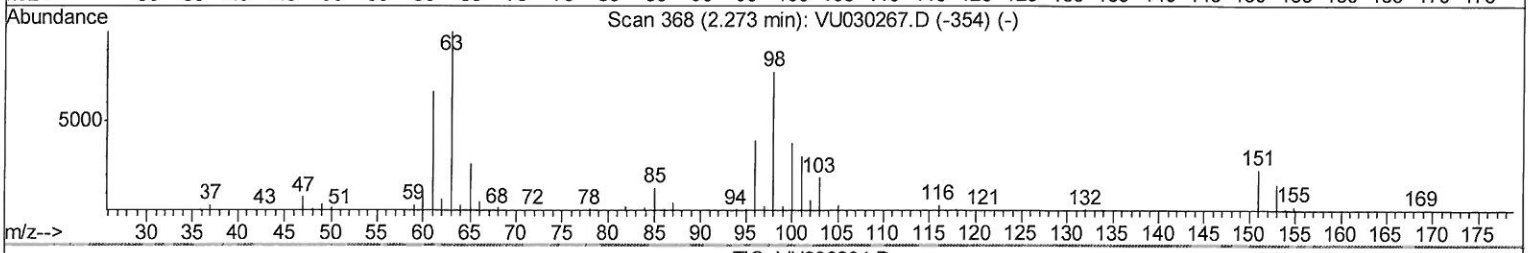

TIC: VU030284.D

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

2.299min (+0.026) 0.06ug/L

response 362

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	32.87#
65.00	23.80	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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ALS Vial : 35 Sample Multiplier: 1

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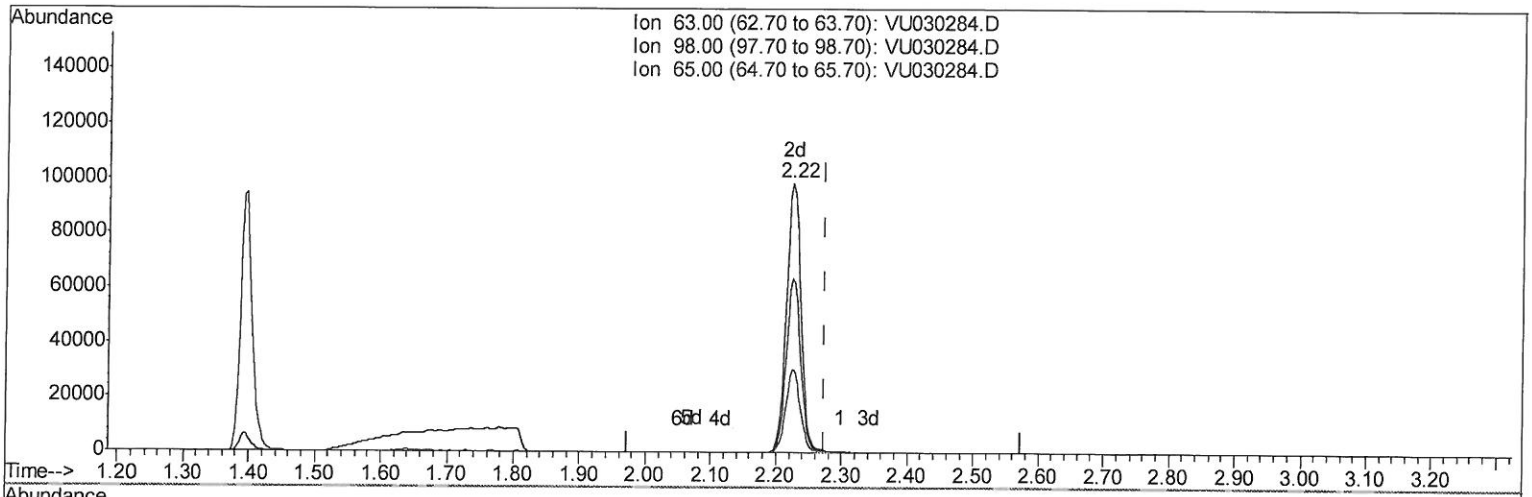
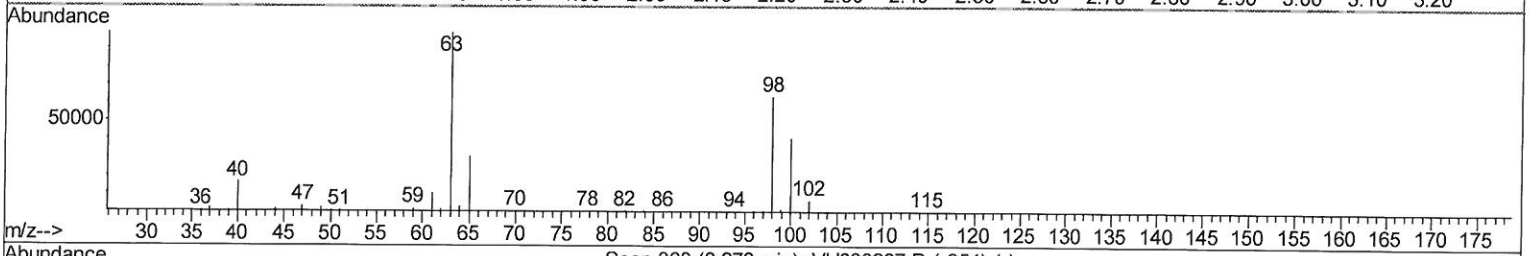
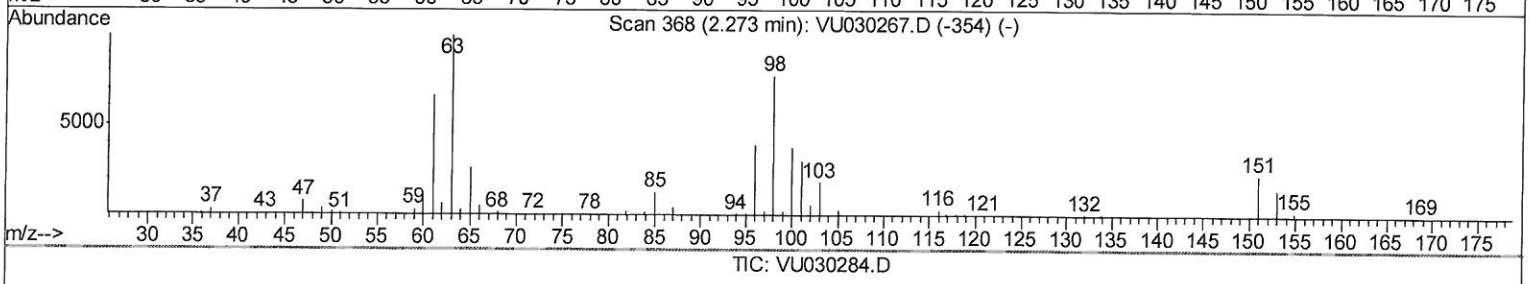
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E2

Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:17 PM







TIC: VU030284.D

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

2.225min (-0.048) 23.30ug/L m

response 150926

Ion	Exp%	Act%
63.00	100	100
98.00	83.00	0.08#
65.00	23.80	0.00#
0.00	0.00	0.00

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (QT Reviewed)

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Operator : JC/SP
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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0E2

Manual Integrations APPROVED
MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	524973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	271752	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	113379	31.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.88%			
7) Chloroethane-d5	1.64	69	50642m	17.84	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 35.68%#			
11) 1,1-Dichloroethene-d2	2.22	63	150926m	23.30	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.60%#			
21) 2-Butanone-d5	4.20	46	163285	62.00	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 62.00%			
24) Chloroform-d	4.64	84	198235	30.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 60.86%#			
26) 1,2-Dichloroethane-d4	5.30	65	121041	32.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.16%#			
32) Benzene-d6	5.33	84	432423	30.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 61.54%#			
36) 1,2-Dichloropropane-d6	6.32	67	134588	30.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 61.90%#			
41) Toluene-d8	7.56	98	393239	29.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 59.50%#			
43) trans-1,3-Dichloropropene-	7.85	79	60181	28.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.84%#			
47) 2-Hexanone-d5	8.32	63	149146	66.13	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 66.13%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	223588	33.52	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 67.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	174292	31.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 63.90%#			

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Target Compounds Qvalue

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