Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

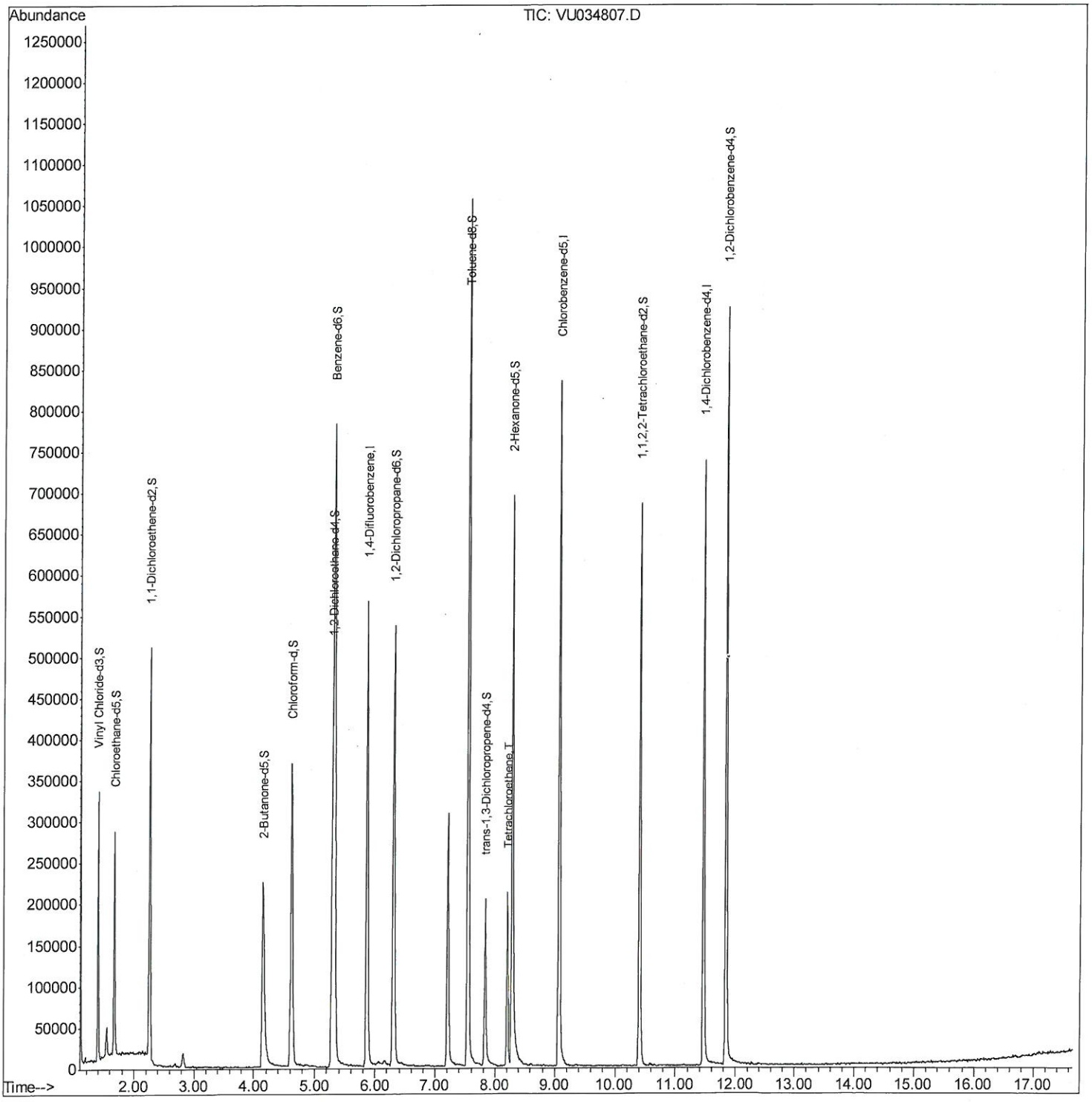
Quantitation Report (QT Reviewed)

Data File : VU034807.D
Acq On : 25 Sep 2019 16:50
Operator : JC/SP
Sample : K4984-05MEDL 200X
Misc : 5.30g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 26 06:51:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BEDK9MEDL

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:06:10 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

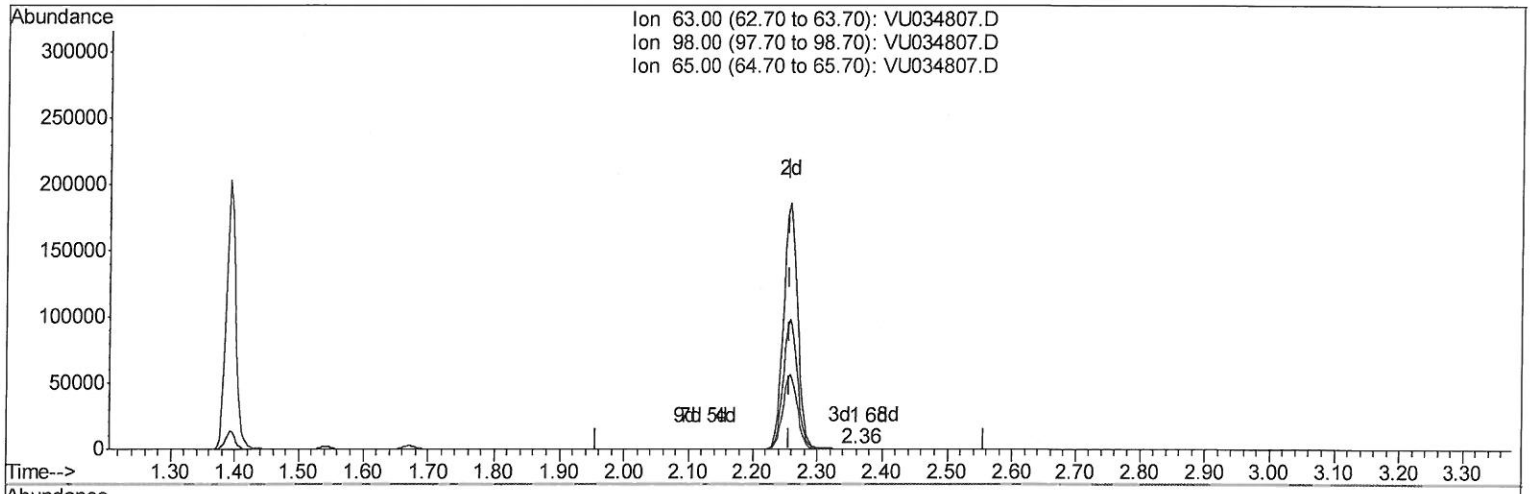
Quantitation Report (Qedit)

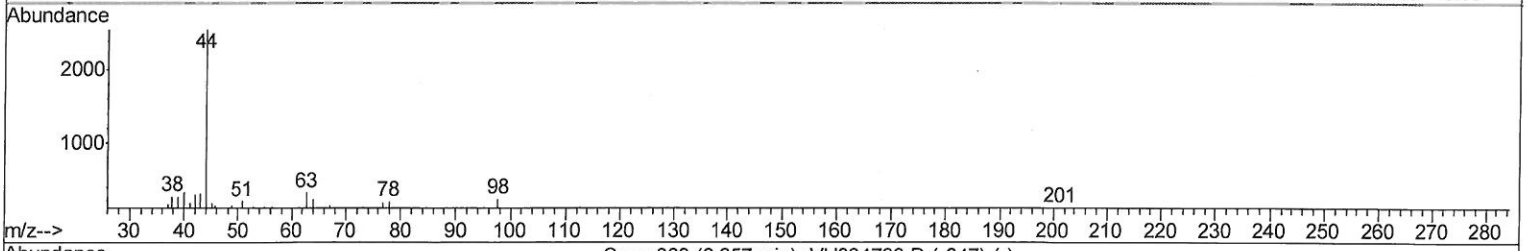
Data File : VU034807.D
Acq On : 25 Sep 2019 16:50
Operator : JC/SP
Sample : K4984-05MEDL 200X
Misc : 5.30g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

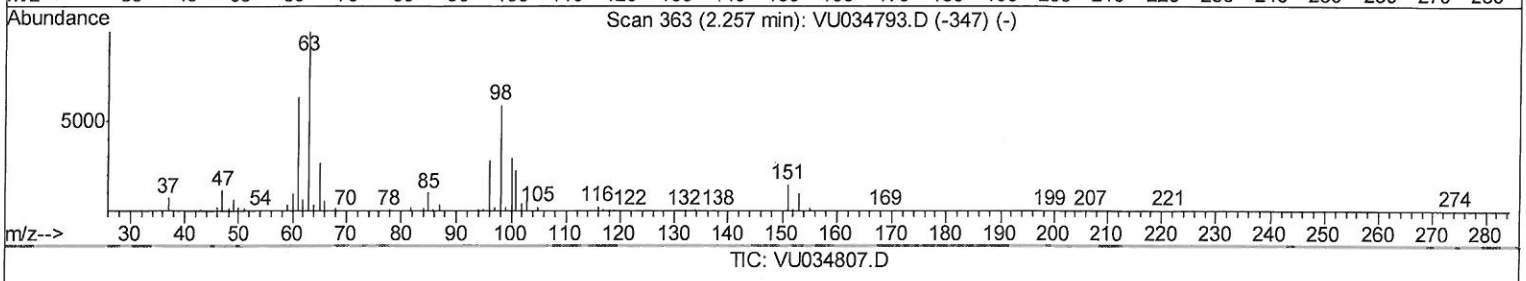
Quant Time: Sep 26 04:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BEDK9MEDL

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:06:10 PM







TIC: VU034807.D

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

2.360min (+0.103) 0.03ug/L

response 257

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	57.20
65.00	24.00	19.07
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

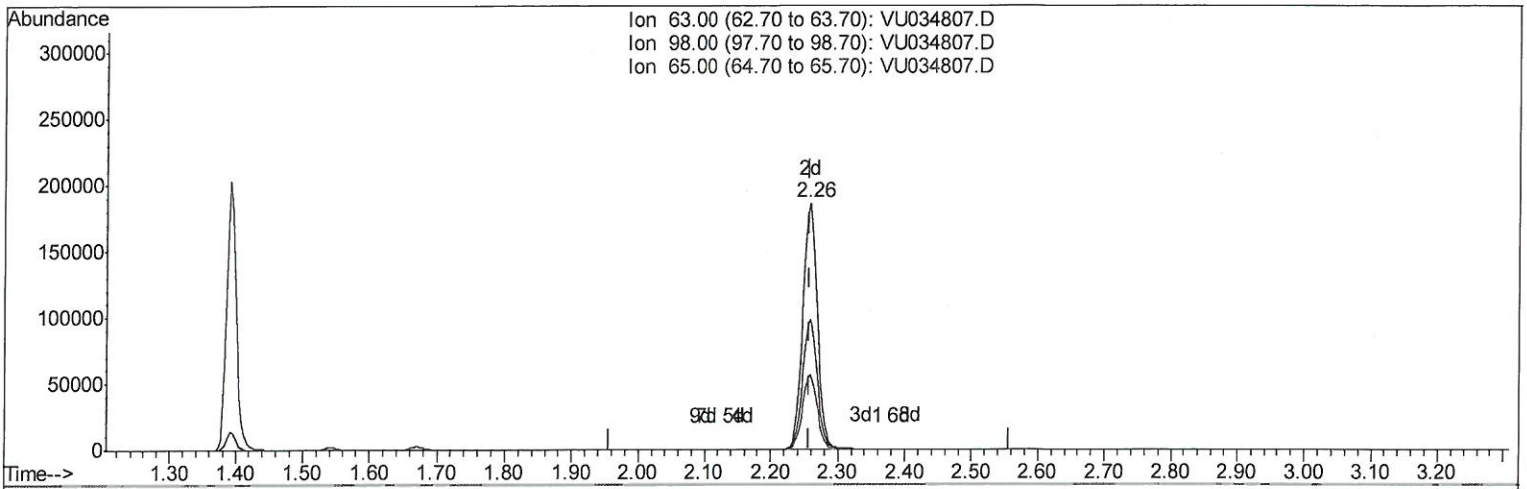
Quantitation Report (Qedit)

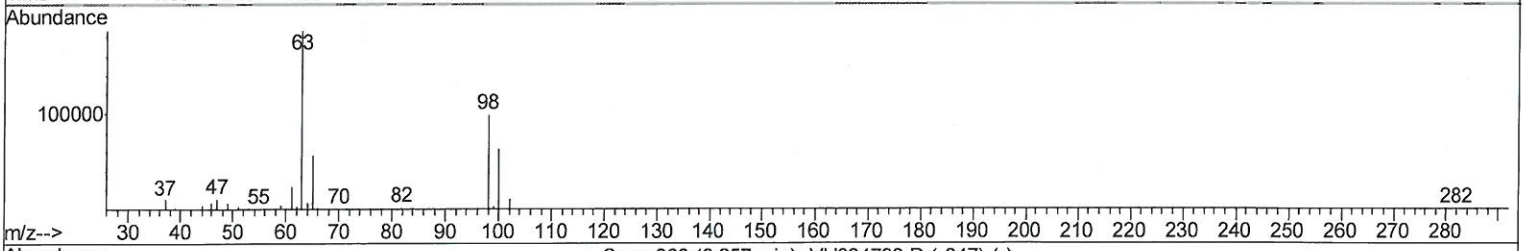
Data File : VU034807.D
Acq On : 25 Sep 2019 16:50
Operator : JC/SP
Sample : K4984-05MEDL 200X
Misc : 5.30g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

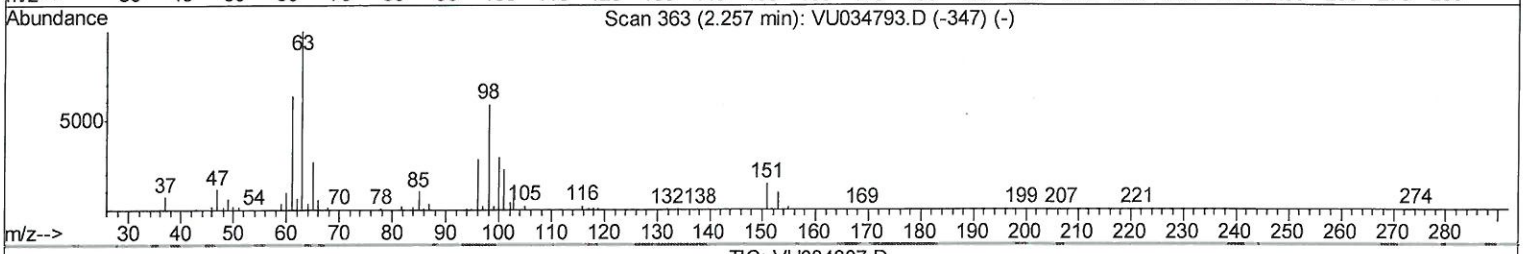
Quant Time: Sep 26 04:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BEDK9MEDL

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:06:10 PM







TIC: VU034807.D

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

2.257min (+0.000) 36.01ug/L m

response 282557

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	0.05#
65.00	24.00	0.02#
0.00	0.00	0.00

>MB
9/30/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

Quantitation Report (QT Reviewed)

Data File : VU034807.D
Acq On : 25 Sep 2019 16:50
Operator : JC/SP
Sample : K4984-05MEDL 200X
Misc : 5.30g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDK9MEDL

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:06:10 PM

Quant Time: Sep 26 06:51:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	452552	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	430461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	186838	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	211420	45.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.26%			
7) Chloroethane-d5	1.67	69	177879	49.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.36%			
11) 1,1-Dichloroethene-d2	2.26	63	282557m	36.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.02%			
21) 2-Butanone-d5	4.15	46	378250	106.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.53%			
24) Chloroform-d	4.62	84	351382	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
26) 1,2-Dichloroethane-d4	5.29	65	241211	48.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.44%			
32) Benzene-d6	5.32	84	737180	55.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.50%			
36) 1,2-Dichloropropane-d6	6.31	67	257956	55.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.62%			
41) Toluene-d8	7.54	98	704577	55.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.02%			
43) trans-1,3-Dichloropropene-	7.83	79	112594	50.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.82%			
47) 2-Hexanone-d5	8.29	63	255489	109.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.08%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340187	52.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.14%			
64) 1,2-Dichlorobenzene-d4	11.84	152	233300	59.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.10%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.21	164	42769	16.491	ug/L	93

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

JMD 9/30/19