Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\

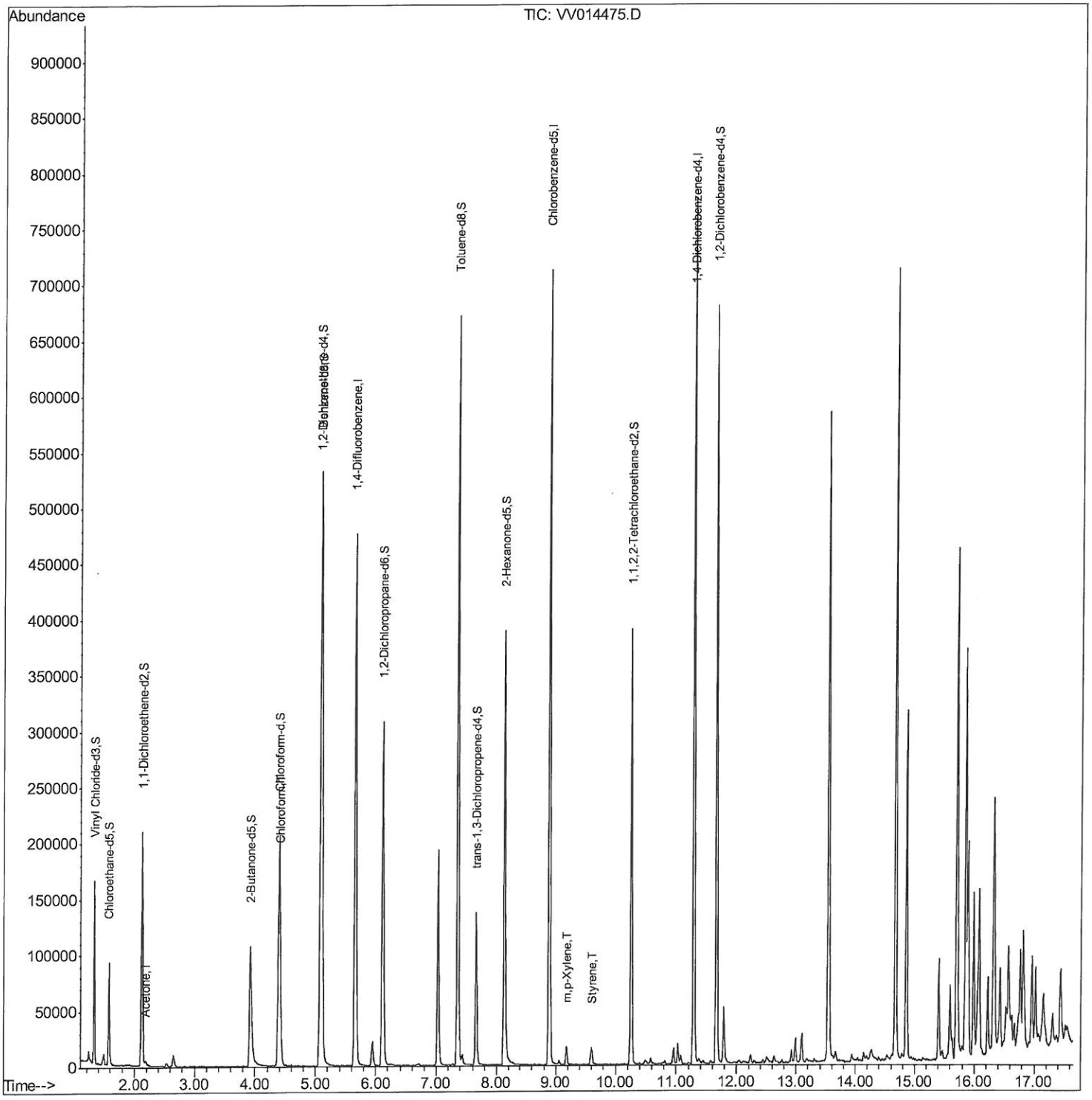
Quantitation Report (QT Reviewed)

Data File : VV014475.D
Acq On : 01 Feb 2020 01:20
Operator : SY/MD
Sample : L1323-12 10X
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 01 04:11:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAT50

Manual Integrations APPROVED
MMDadoda
2/3/2020 10:33:52 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\

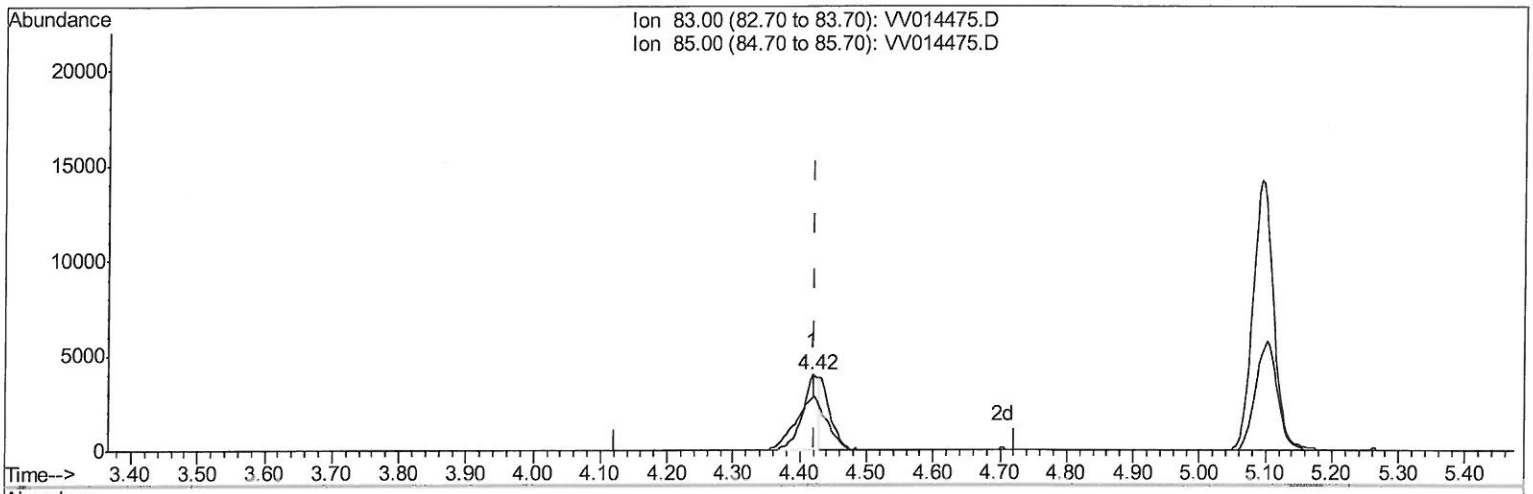
Quantitation Report (Qedit)

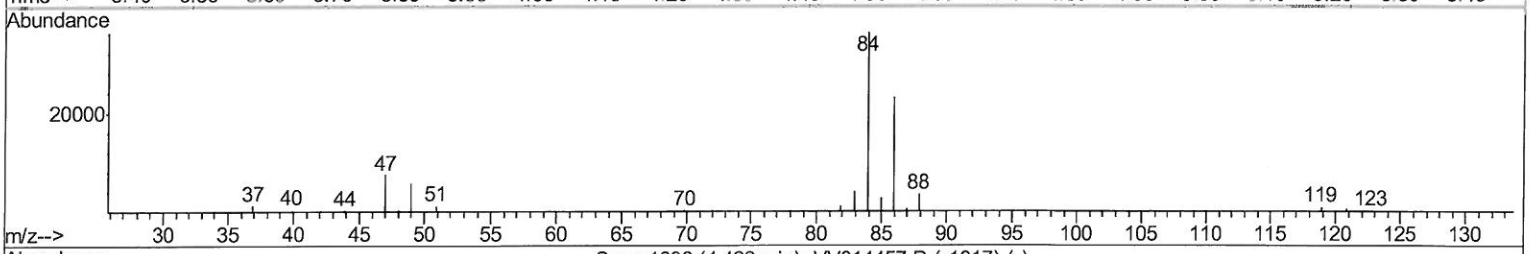
Data File : VV014475.D
Acq On : 01 Feb 2020 01:20
Operator : SY/MD
Sample : L1323-12 10X
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

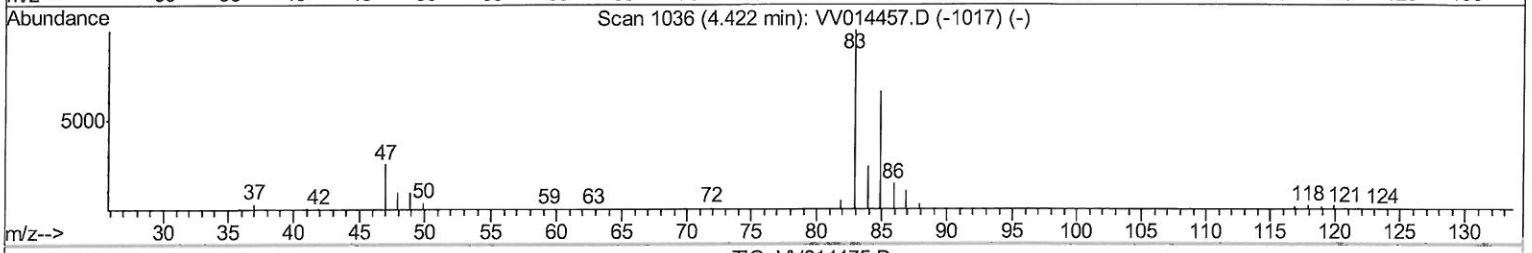
Quant Time: Feb 01 02:42:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAT50

Manual Integrations APPROVED
MMDadoda
2/3/2020 10:33:52 AM







TIC: VV014475.D

(25) Chloroform (T)

4.418min (-0.003) 1.32ug/L

response 6583

Ion	Exp%	Act%
83.00	100	100
85.00	64.40	69.83
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\

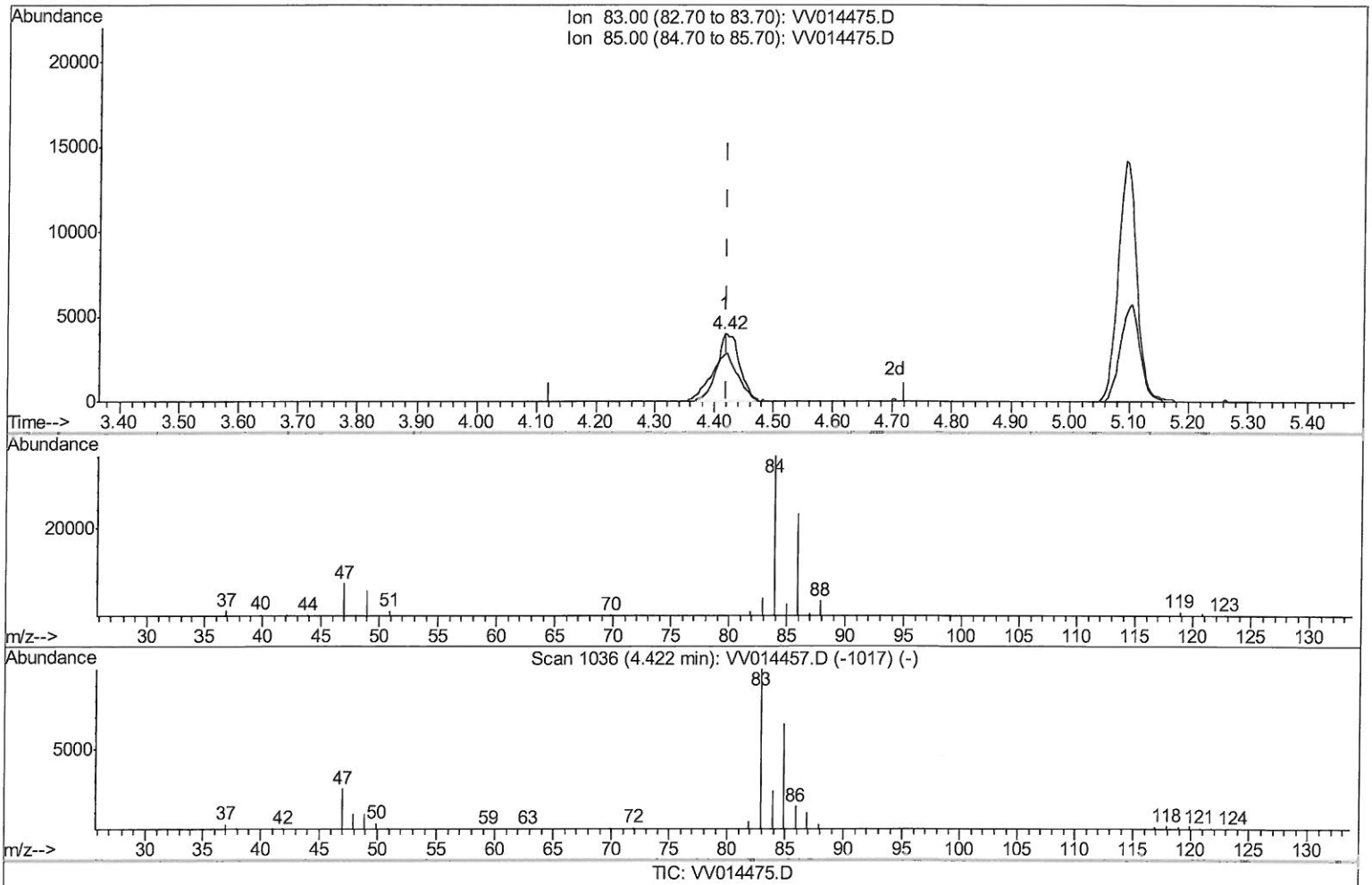
Quantitation Report (Qedit)

Data File : VV014475.D
Acq On : 01 Feb 2020 01:20
Operator : SY/MD
Sample : L1323-12 10X
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 01 02:42:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAT50

Manual Integrations APPROVED
MMDadoda
2/3/2020 10:33:52 AM



TIC: VV014475.D

(25) Chloroform (T)

4.418min (-0.003) 2.13ug/L m

response 10638

Ion	Exp%	Act%
83.00	100	100
85.00	64.40	69.83
0.00	0.00	0.00
0.00	0.00	0.00

SMD 02/04/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\

Quantitation Report (QT Reviewed)

Data File : VV014475.D
Acq On : 01 Feb 2020 01:20
Operator : SY/MD
Sample : L1323-12 10X
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 01 04:11:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : GAT50

Manual Integrations APPROVED
MMDadoda
2/3/2020 10:33:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	410950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	394709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	196094	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93589	41.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.02%			
7) Chloroethane-d5	1.58	69	61211	43.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.28%			
11) 1,1-Dichloroethene-d2	2.13	63	106541	34.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.94%			
21) 2-Butanone-d5	3.92	46	166394	108.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.35%			
24) Chloroform-d	4.40	84	213190	44.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.28%			
26) 1,2-Dichloroethane-d4	5.08	65	143176	49.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.42%			
32) Benzene-d6	5.10	84	471085	45.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.66%			
36) 1,2-Dichloropropane-d6	6.11	67	149913	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.18%			
41) Toluene-d8	7.36	98	446389	46.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.06%			
43) trans-1,3-Dichloropropene-	7.66	79	78325	46.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.74%			
47) 2-Hexanone-d5	8.13	63	142927	111.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.10%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	186812	44.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	173431	48.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.04%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3328	2.540	ug/L	98
25) Chloroform	4.42	83	10638m	2.135	ug/L	
53) m,p-Xylene	9.18	106	4596	0.900	ug/L	98
55) Styrene	9.60	104	6580	0.774	ug/L	97

JMD 02/04/20

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