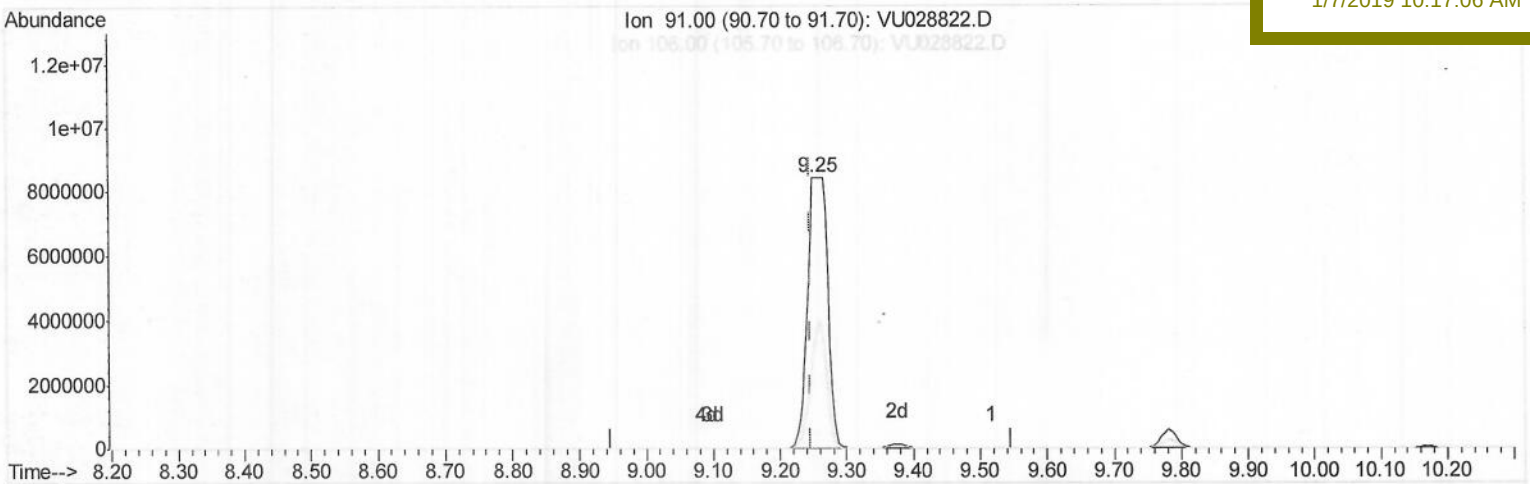
Quantitation Report (Qedit)

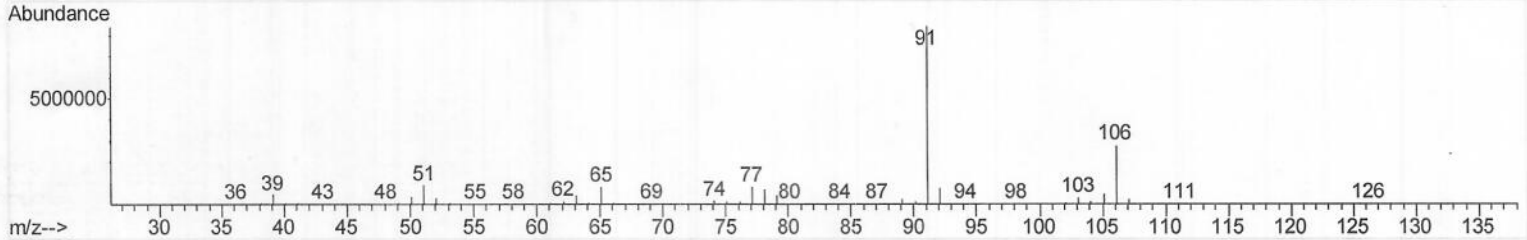
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122018\
Data File : VU028822.D
Acq On : 20 Dec 2018 14:17
Operator : MD/SY
Sample : J6441-11
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

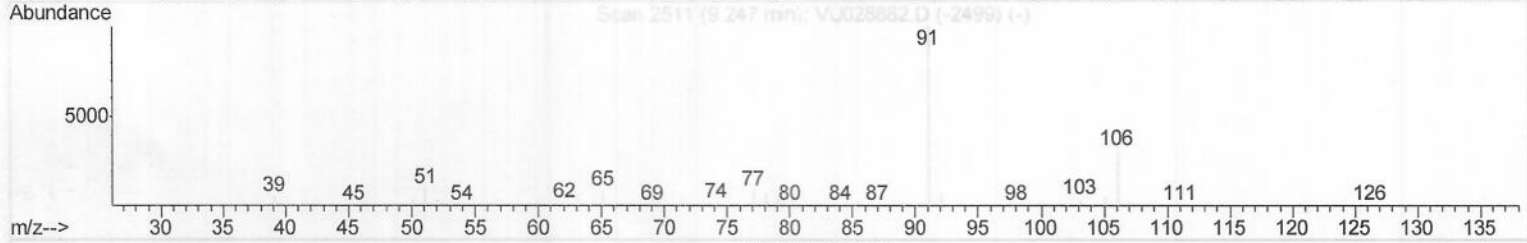
Quant Time: Dec 31 04:04:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF024

Manual Integrations APPROVED
MMDadoda
1/7/2019 10:17:06 AM







TIC: VU028822.D

(52) Ethylbenzene (T)

9.250min (+0.003) 2418.25ug/L m

response 17595982

Ion	Exp%	Act%
91.00	100	100
106.00	29.90	33.17
0.00	0.00	0.00
0.00	0.00	0.00

JMD 12/21/2018

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
MMDadoda
1/7/2019 10:17:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	203789	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115517	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	61490	37.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.28%			
7) Chloroethane-d5	1.64	69	36410	28.85	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 57.70%#			
11) 1,1-Dichloroethene-d2	2.23	63	80335	29.24	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.48%#			
21) 2-Butanone-d5	4.19	46	102011	89.12	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.12%			
24) Chloroform-d	4.64	84	103738	40.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.76%			
26) 1,2-Dichloroethane-d4	5.30	65	66168	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
32) Benzene-d6	5.33	84	225666	38.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.14%			
36) 1,2-Dichloropropane-d6	6.32	67	80196	39.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.64%			
41) Toluene-d8	7.56	98	207376	38.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.20%#			
43) trans-1,3-Dichloropropene-	7.85	79	36571	40.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.06%			
47) 2-Hexanone-d5	8.32	63	91712	95.88	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.88%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138859	49.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	99420	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.10%			
Target Compounds						Qvalue
33) Benzene	5.38	78	13739	2.057	ug/L	100
52) Ethylbenzene	9.25	91	17595982m	2418.249	ug/L	
53) m,p-Xylene	9.38	106	105208	39.101	ug/L	100
54) o-xylene	9.78	106	424519	157.417	ug/L	99
56) Isopropylbenzene	10.17	105	1430287	209.071	ug/L	99

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

m.D. 12/21/2018

Quantitation Report (LSC Reviewed)

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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
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Instrument :
MSVOA_U
ClientSampleId :
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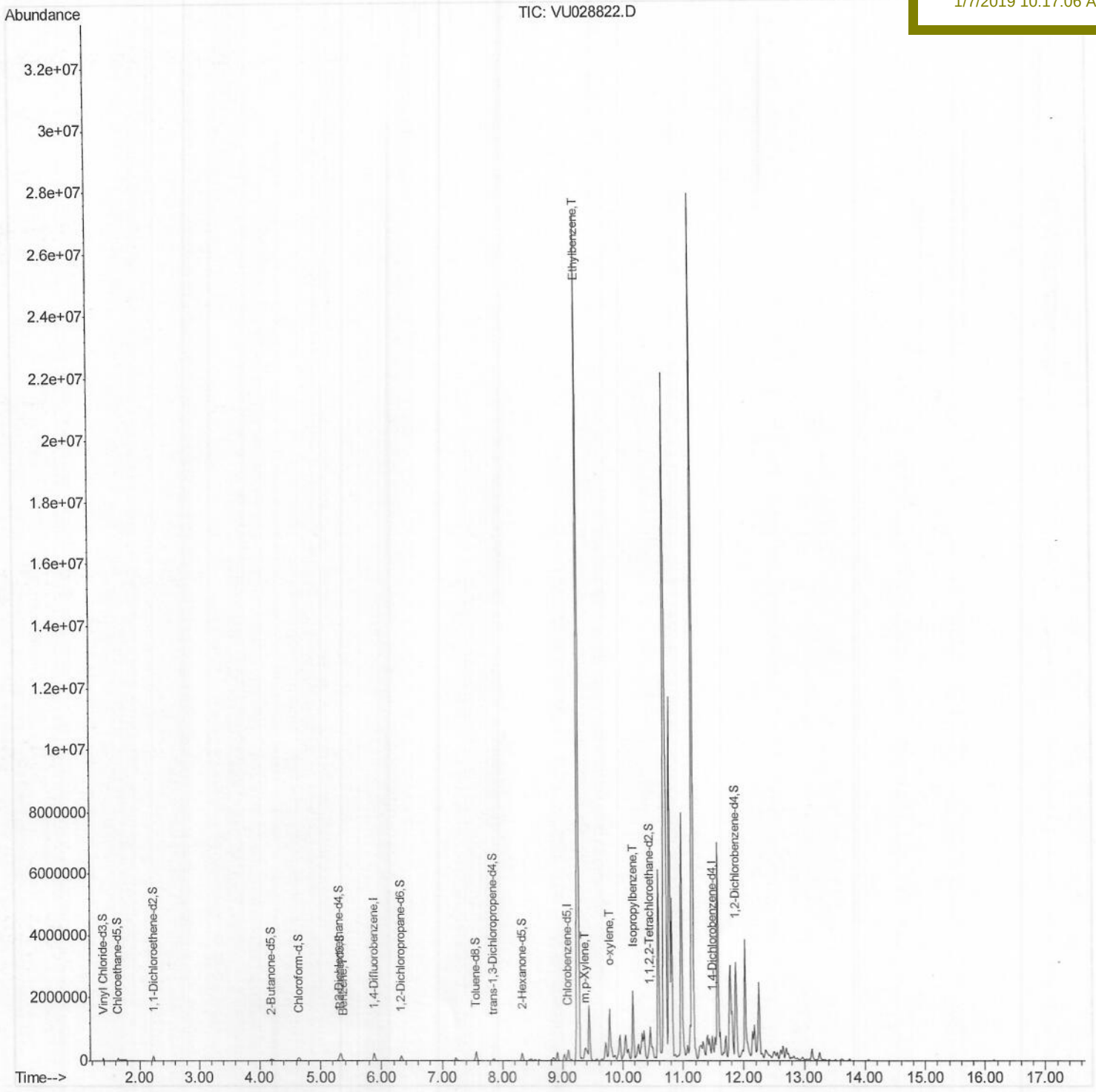
Manual Integrations APPROVED
MMDadoda
1/7/2019 10:17:06 AM



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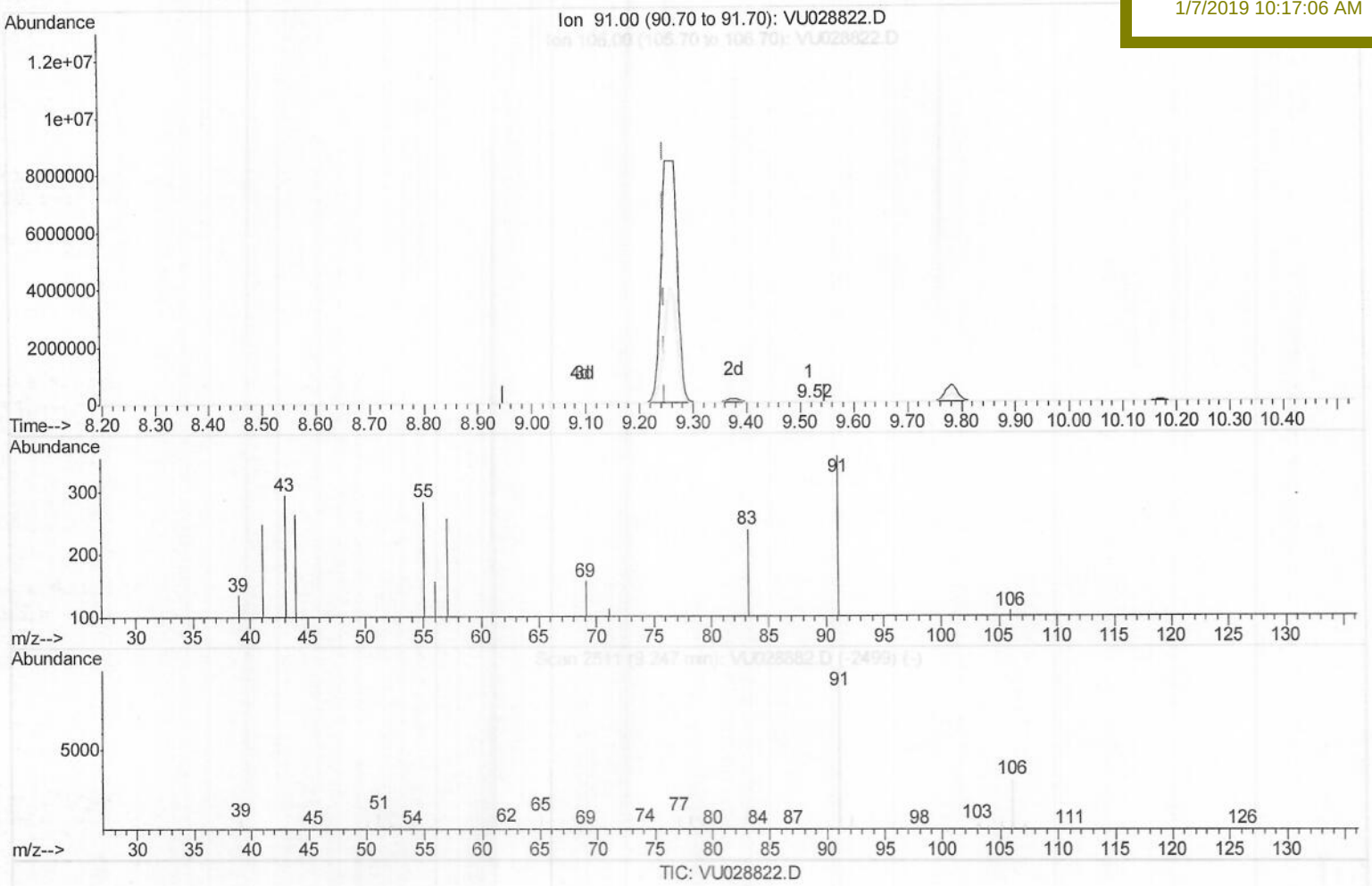
Data File : VU028822.D
Acq On : 20 Dec 2018 14:17
Operator : MD/SY
Sample : J6441-11
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 07 11:31:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 07 10:05:39 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF024

Manual Integrations APPROVED
MMDadoda
1/7/2019 10:17:06 AM



TIC: VU028822.D

(52) Ethylbenzene (T)

9.517min (+0.270) 0.02ug/L

response 113

Ion	Exp%	Act%
91.00	100	100
106.00	29.90	30.34
0.00	0.00	0.00
0.00	0.00	0.00