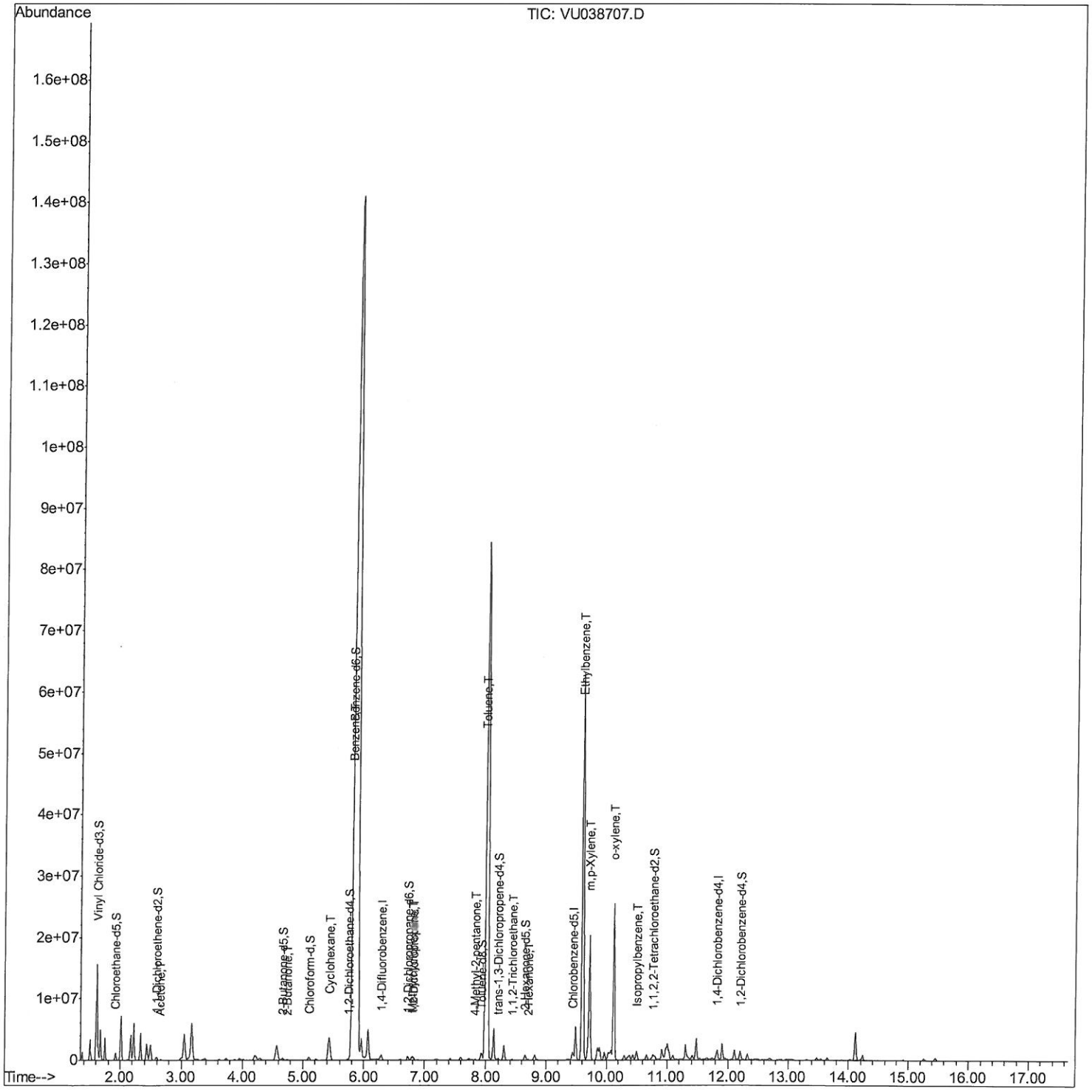
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
Data File : VU038707.D
Acq On : 09 Jun 2020 07:47
Operator : SY/MD
Sample : L2913-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 09 08:25:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 07:55:51 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F9D83

Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:11 AM



Quantitation Report (Qedit)

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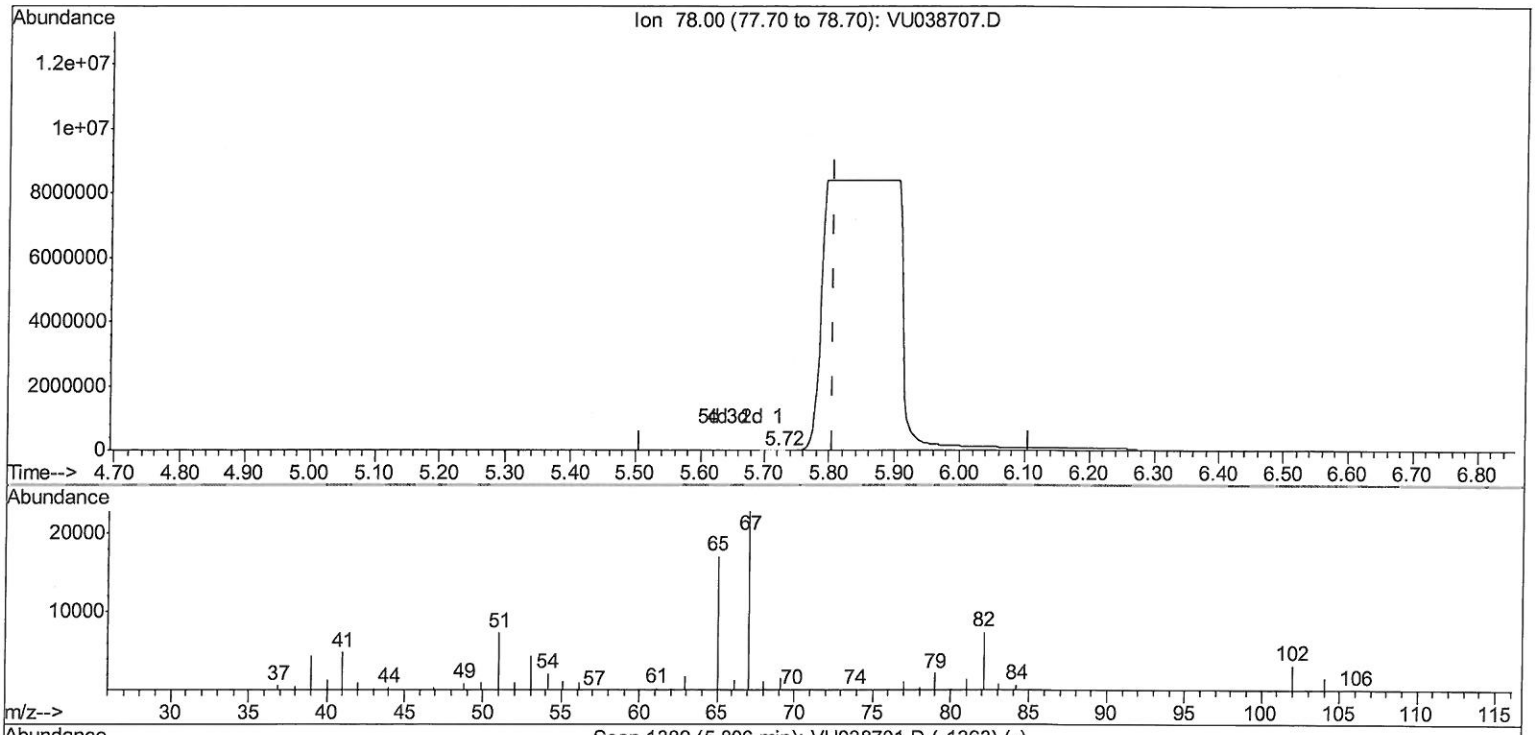

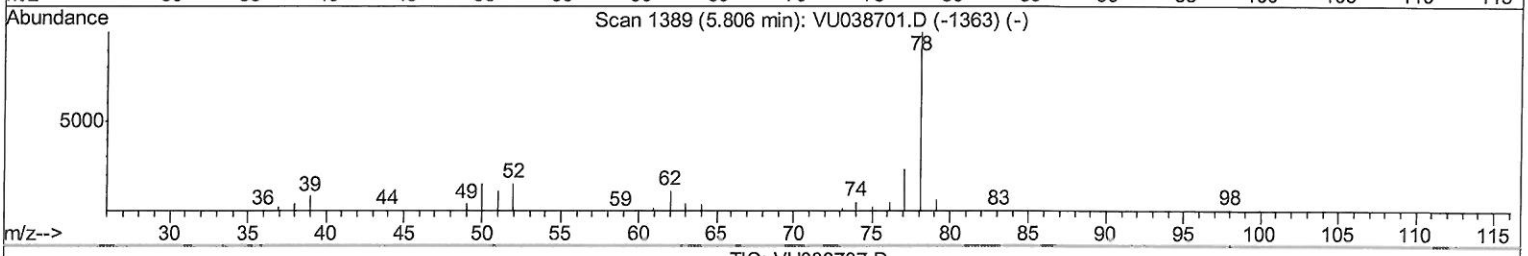

TIC: VU038707.D

(33) Benzene (T)

5.723min (-0.084) 0.03ug/L

response 628

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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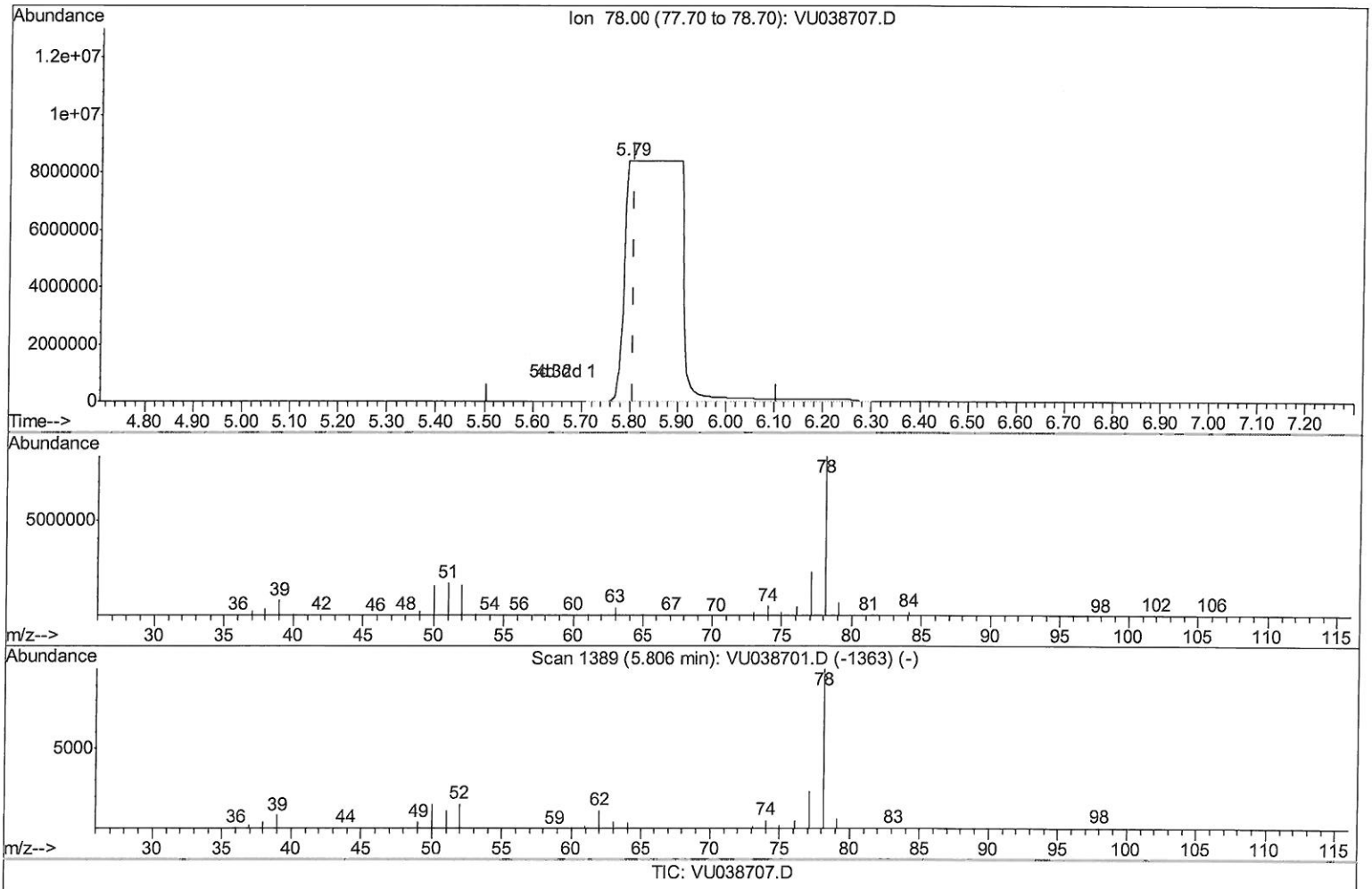

TIC: VU038707.D

(33) Benzene (T)

5.793min (-0.013) 3259.10ug/L m

response 67043250

7 MD 6/10/20

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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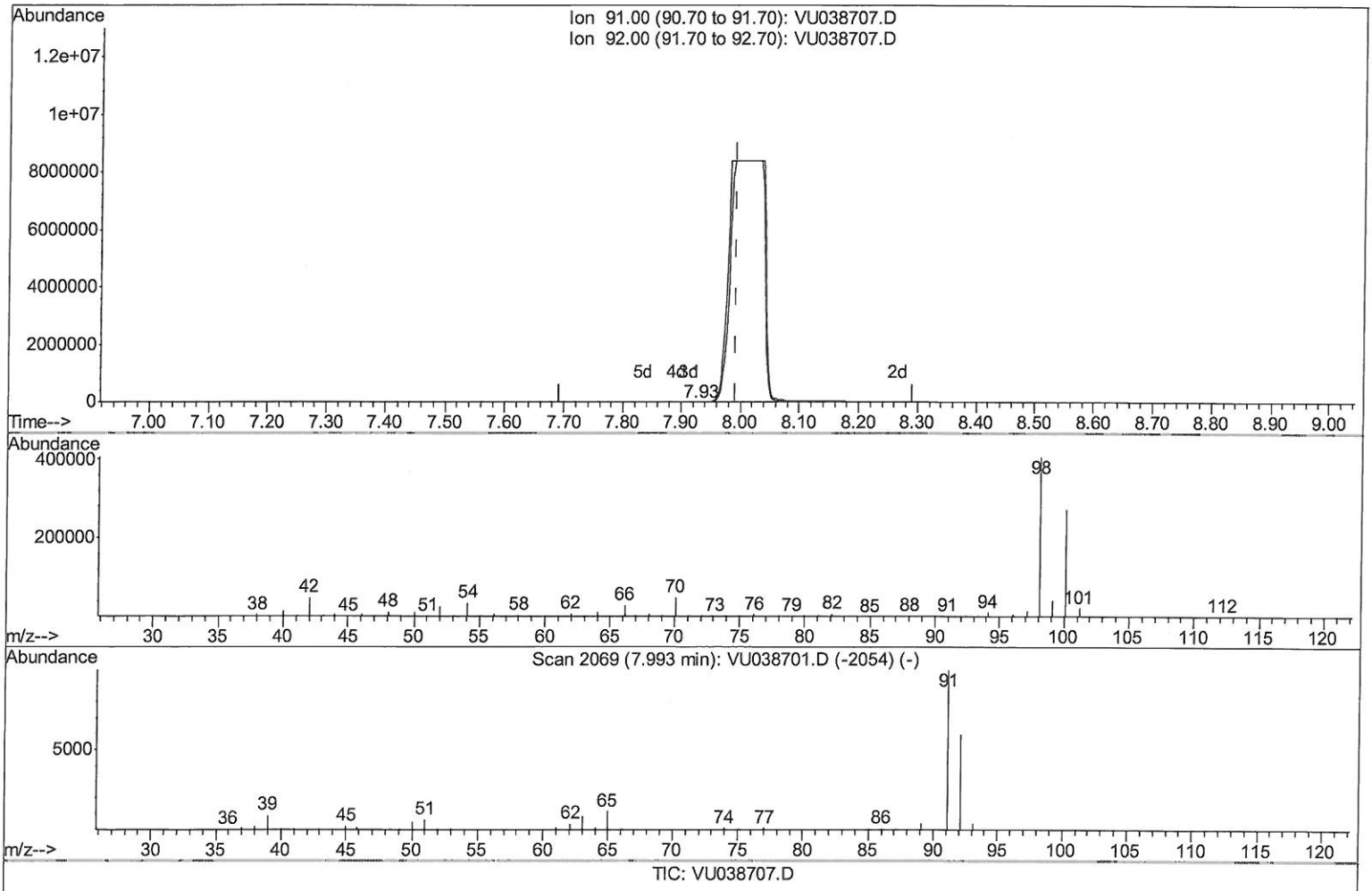

TIC: VU038707.D

(42) Toluene (T)

7.925min (-0.068) 0.00ug/L

response 99

Ion	Exp%	Act%
91.00	100	100
92.00	60.30	43.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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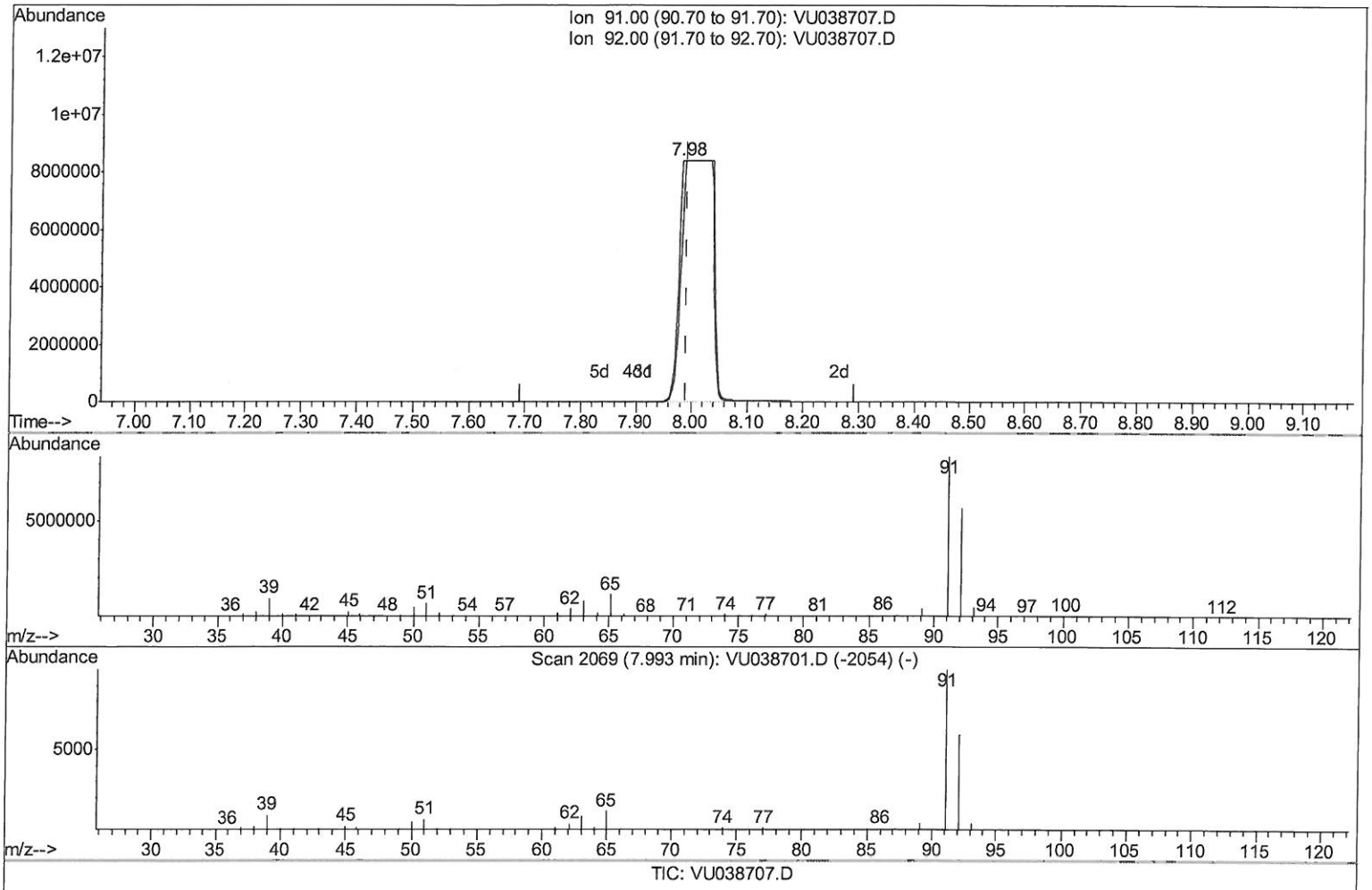

TIC: VU038707.D

(42) Toluene (T)

7.983min (-0.010) 1604.05ug/L m

response 34501831

7 MD 6/10/20

Ion	Exp%	Act%
91.00	100	100
92.00	60.30	67.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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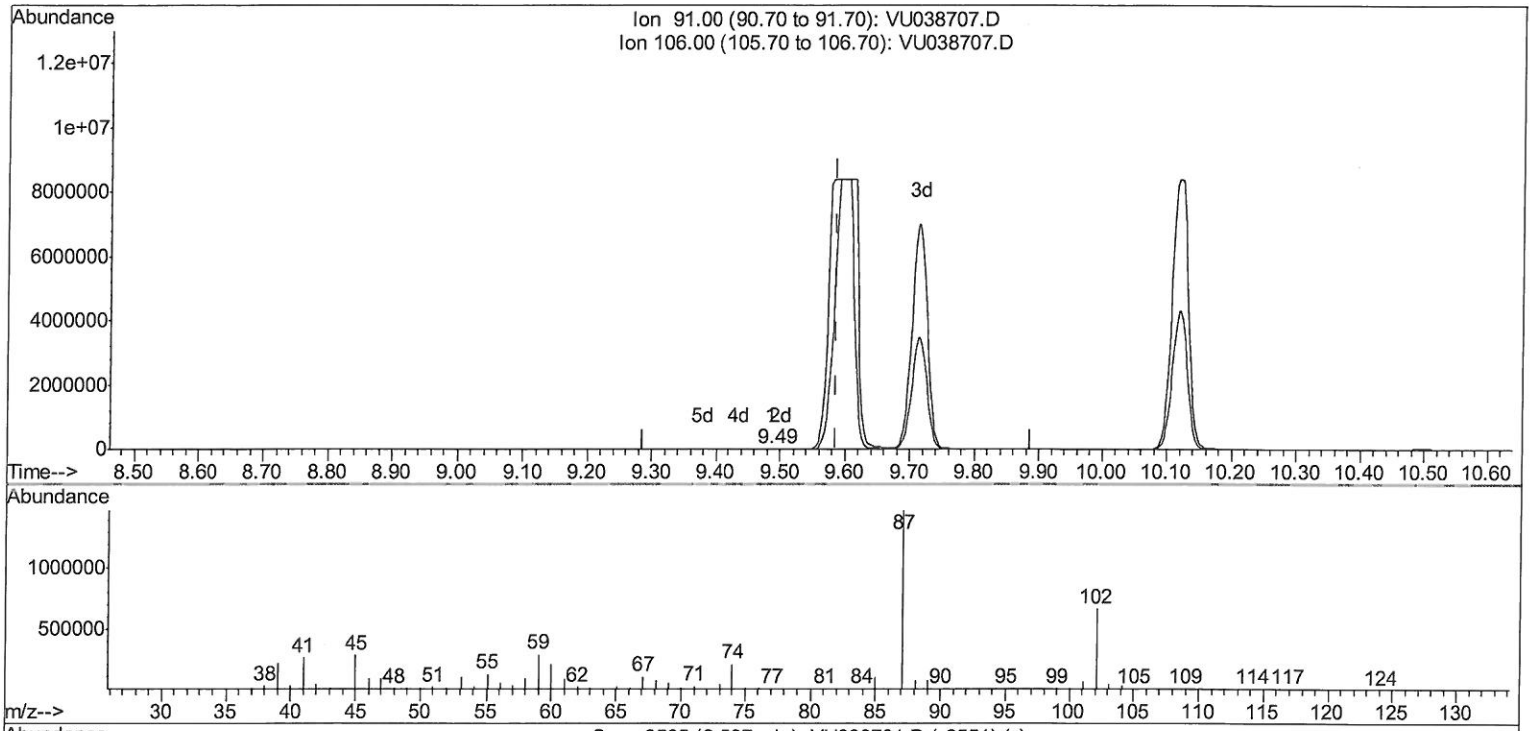

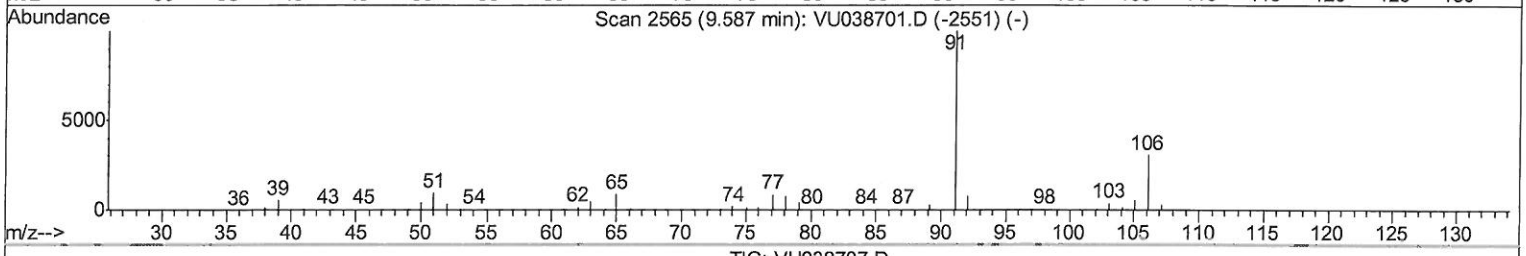

TIC: VU038707.D

(52) Ethylbenzene (T)

9.488min (-0.100) 0.02ug/L

response 401

Ion	Exp%	Act%
91.00	100	100
106.00	30.70	33.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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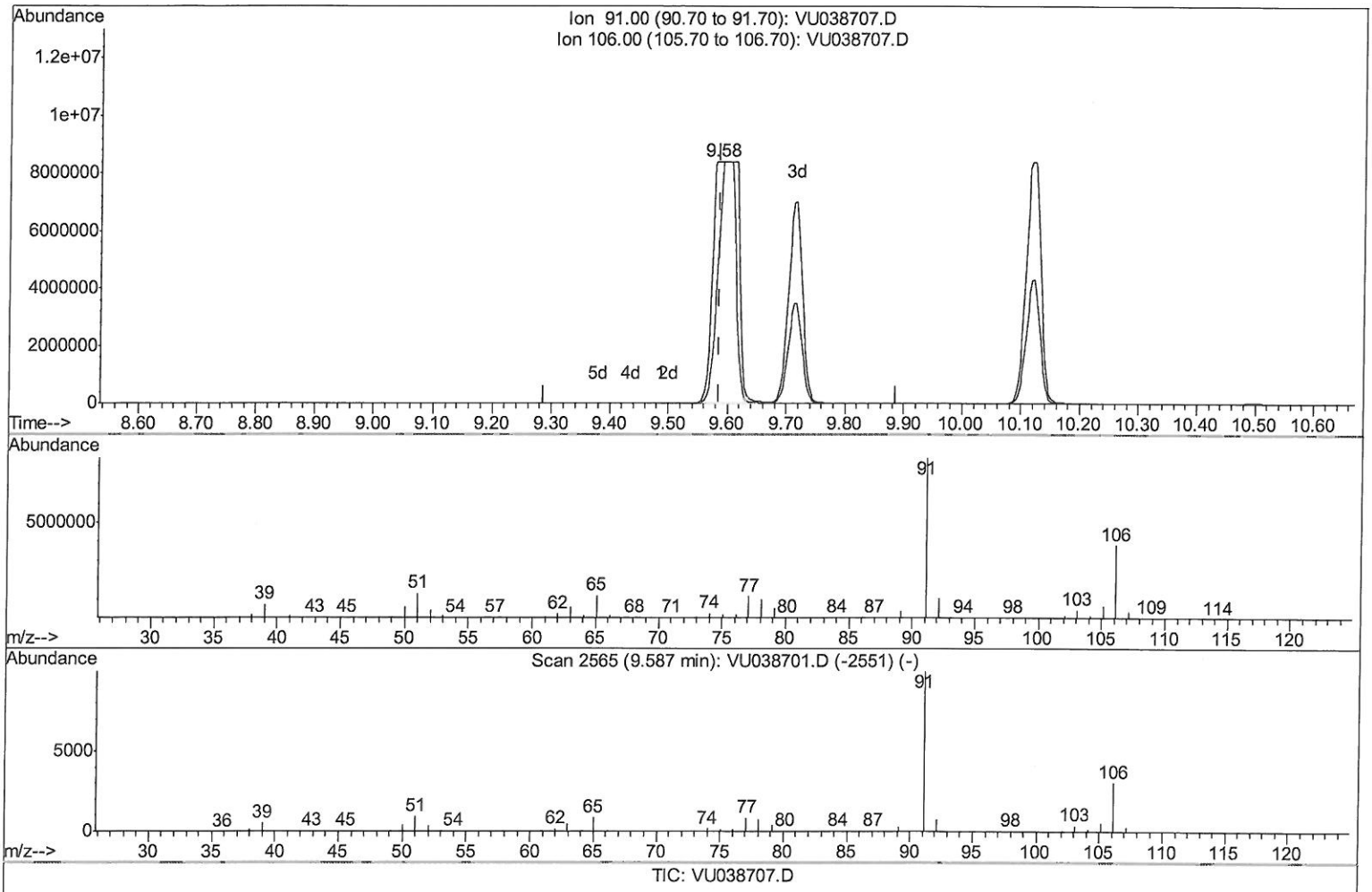
Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:11 AM



TIC: VU038707.D

(52) Ethylbenzene (T)

9.581min (-0.007) 1066.62ug/L m

response 25320015

JMD 6/10/20

Ion	Exp%	Act%
91.00	100	100
106.00	30.70	45.75#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	687202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	692733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	369315	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	188922	49.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.42%			
7) Chloroethane-d5	1.93	69	162384	54.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.04%			
11) 1,1-Dichloroethene-d2	2.59	63	289517	34.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.20%			
21) 2-Butanone-d5	4.67	46	399707	107.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.01%			
24) Chloroform-d	5.10	84	380618	45.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.96%			
26) 1,2-Dichloroethane-d4	5.75	65	116605	21.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 42.50%#			
32) Benzene-d6	5.80	84	774852	46.43	ug/L	0.04
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.86%			
36) 1,2-Dichloropropane-d6	6.73	67	271709	52.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.66%			
41) Toluene-d8	7.93	98	815452	54.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.16%			
43) trans-1,3-Dichloropropene-	8.20	79	139733	53.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.94%			
47) 2-Hexanone-d5	8.65	63	311599	113.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.83%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	432972	56.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.88%			
64) 1,2-Dichlorobenzene-d4	12.20	152	350945	54.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.46%			

Target Compounds						Qvalue
13) Acetone	2.66	43	71599	23.787	ug/L	93
22) 2-Butanone	4.75	43	127849	27.697	ug/L	100
29) Cyclohexane	5.43	56	2002562	252.675	ug/L	99
33) Benzene	5.79	78	67043250m	3259.101	ug/L	> MD 6/10/20
35) Methylcyclohexane	6.79	83	186903	23.688	ug/L	99
37) 1,2-Dichloropropane	6.82	63	88349	16.481	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	64720	7.723	ug/L	99
42) Toluene	7.98	91	34501831m	1604.049	ug/L	
45) 1,1,2-Trichloroethane	8.42	97	9987	1.936	ug/L	84
48) 2-Hexanone	8.71	43	50406	7.276	ug/L #	95 MD 6/10/20
52) Ethylbenzene	9.58	91	25320015m	1066.623	ug/L	
53) m,p-Xylene	9.72	106	5722671	628.007	ug/L	99
54) o-xylene	10.12	106	6981109	789.167	ug/L	86
56) Isopropylbenzene	10.50	105	981551	42.514	ug/L	99

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