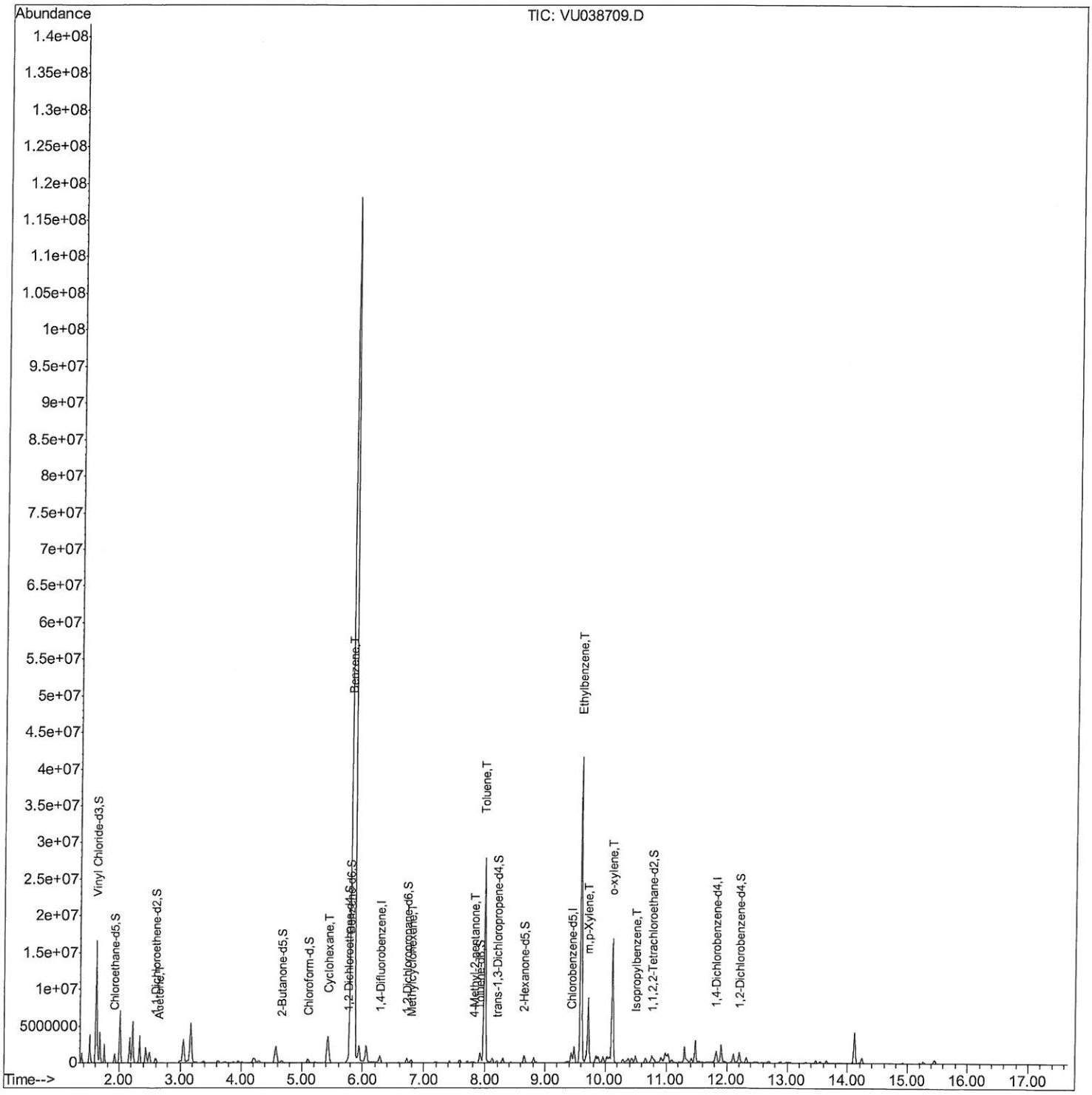
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
Data File : VU038709.D
Acq On : 09 Jun 2020 08:32
Operator : SY/MD
Sample : L2913-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 10 01:36:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:33:15 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F9D85

Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
Data File : VU038709.D
Acq On : 09 Jun 2020 08:32
Operator : SY/MD
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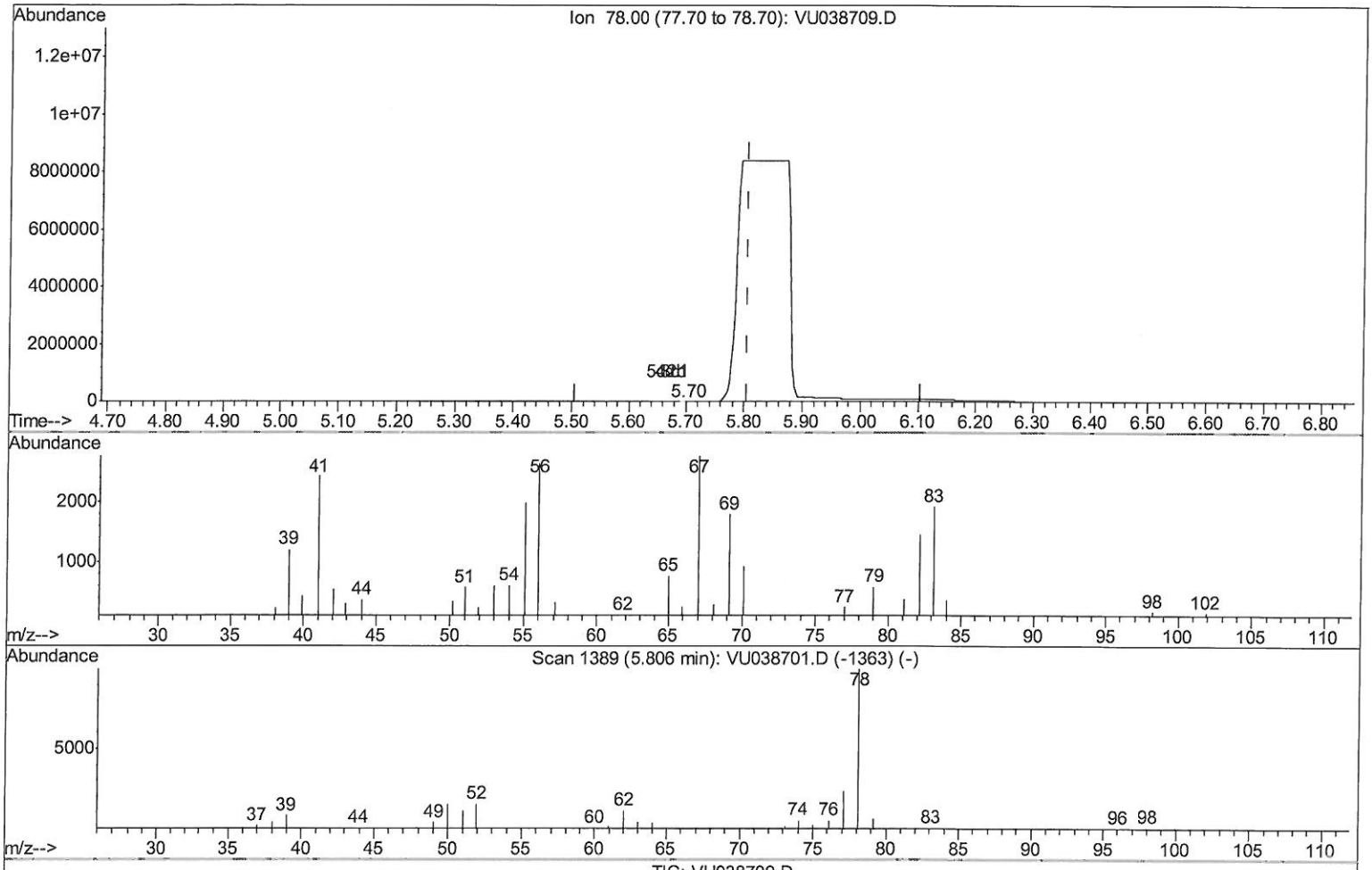
Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



TIC: VU038709.D

(33) Benzene (T)

5.697min (-0.110) 0.00ug/L

response 66

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

Quantitation Report (Qedit)

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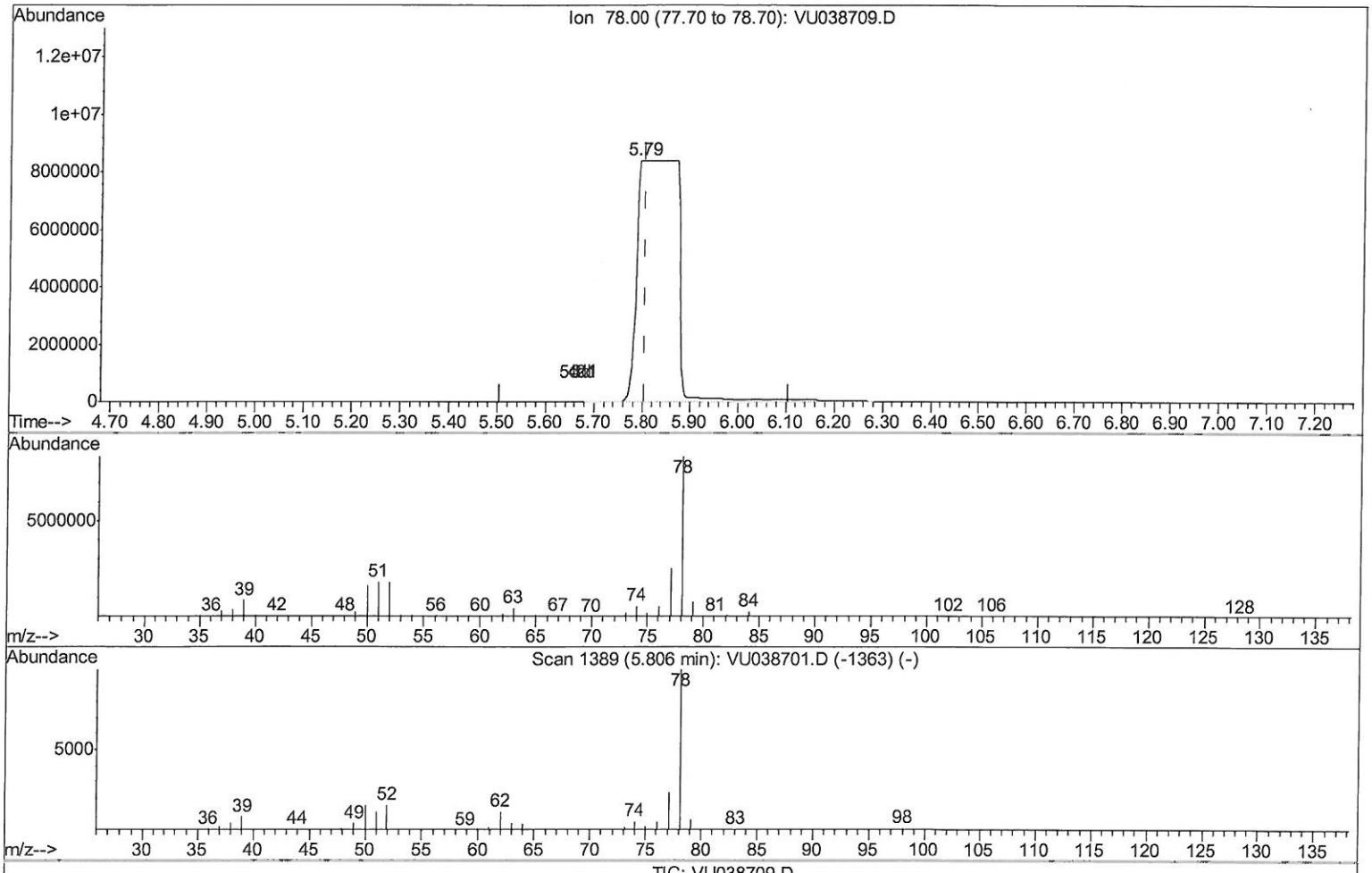
Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



TIC: VU038709.D

(33) Benzene (T)

5.793min (-0.013) 2307.55ug/L m

response 49976883

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

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
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Manual Integrations APPROVED
MMDadoda
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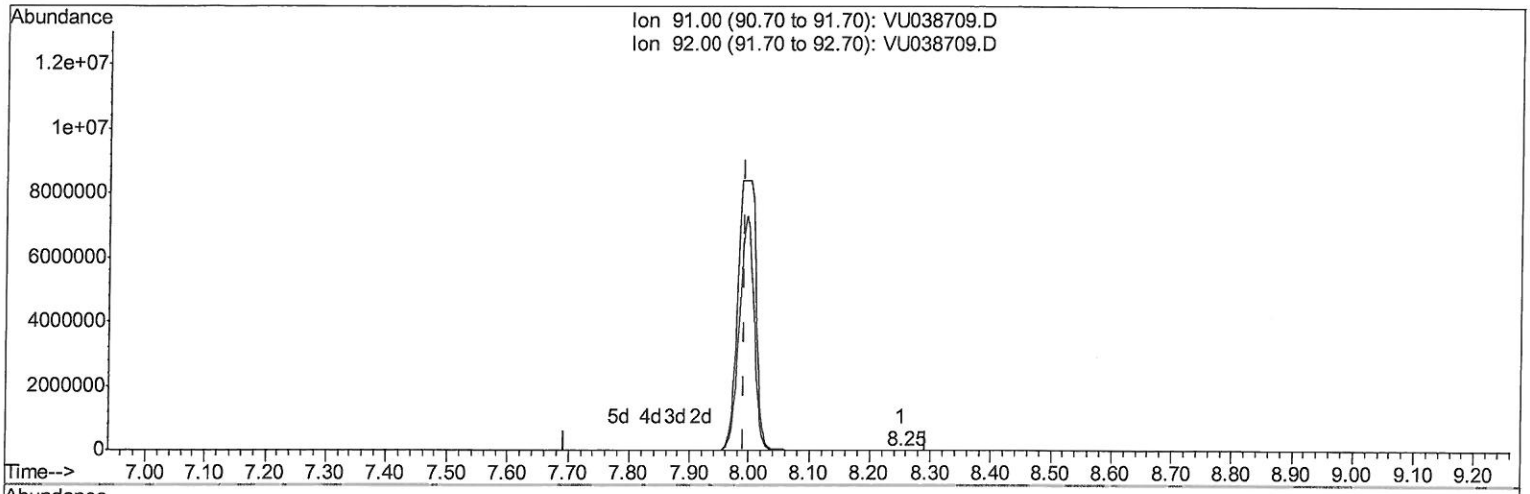
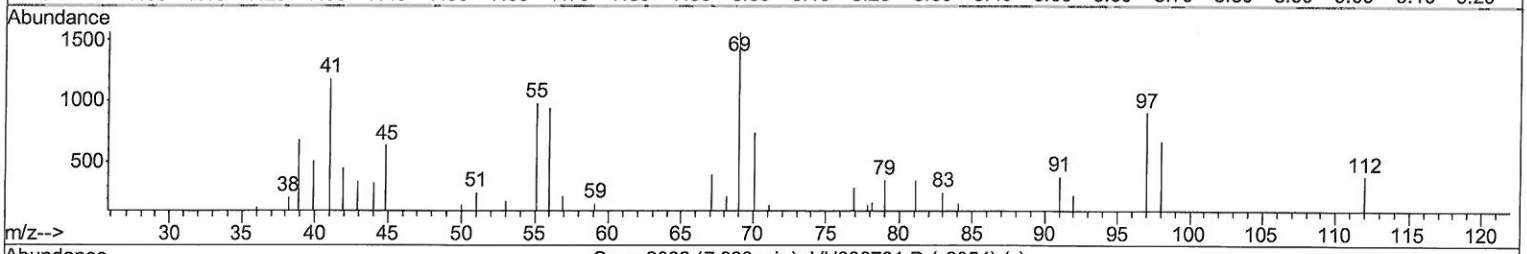
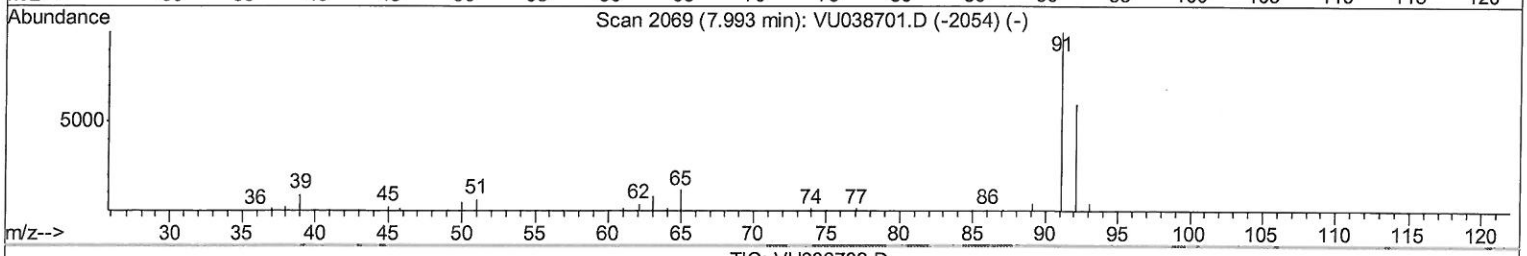






TIC: VU038709.D

(42) Toluene (T)

8.253min (+0.260) 0.01ug/L

response 155

Ion	Exp%	Act%
91.00	100	100
92.00	60.30	60.62
0.00	0.00	0.00
0.00	0.00	0.00

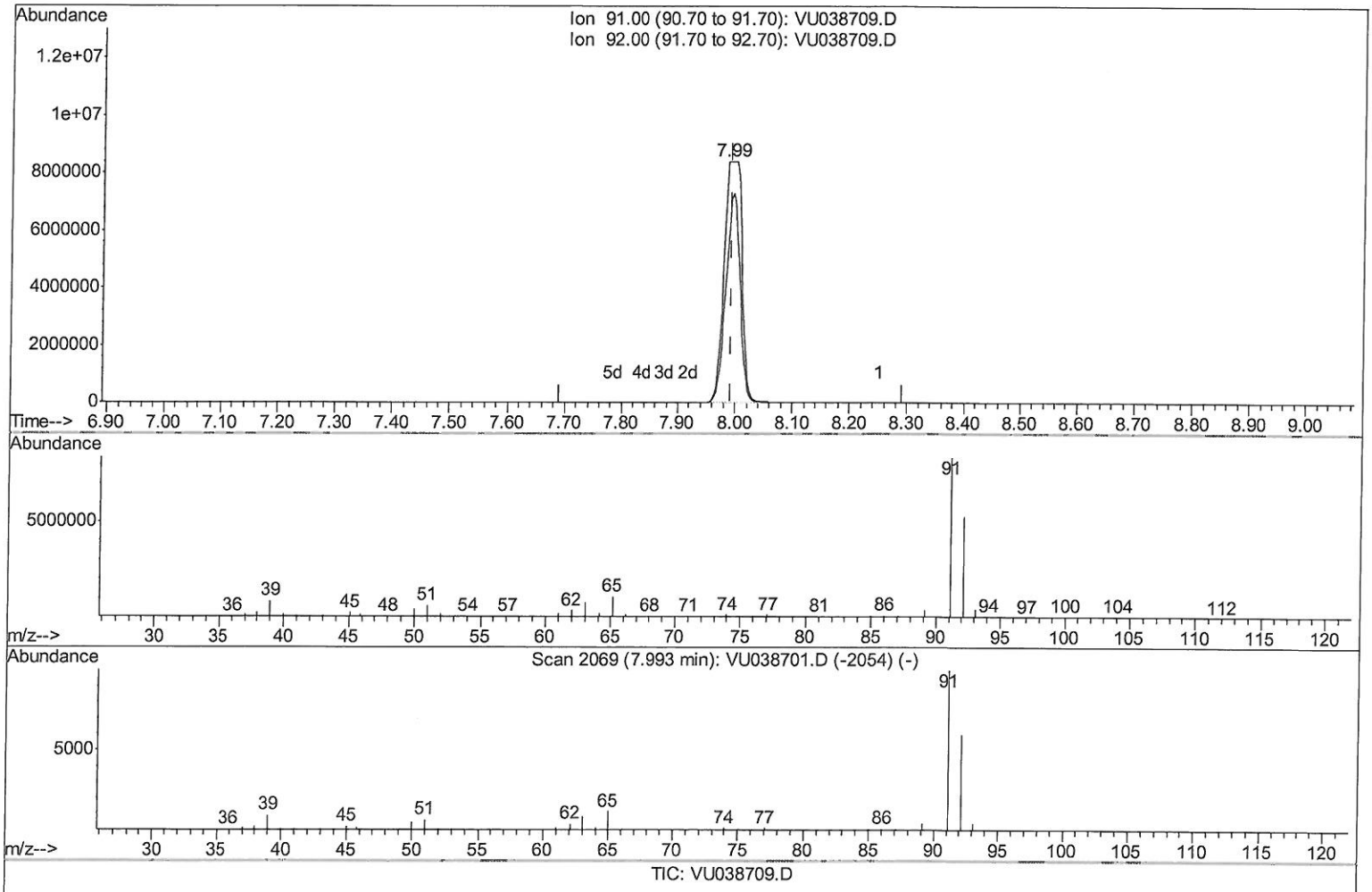
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
Data File : VU038709.D
Acq On : 09 Jun 2020 08:32
Operator : SY/MD
Sample : L2913-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 10 00:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:33:15 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F9D85

Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



TIC: VU038709.D

(42) Toluene (T)

7.986min (-0.007) 786.20ug/L m

response 17804003

SMD 6/10/20

Ion	Exp%	Act%
91.00	100	100
92.00	60.30	63.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
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Acq On : 09 Jun 2020 08:32
Operator : SY/MD
Sample : L2913-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 10 00:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
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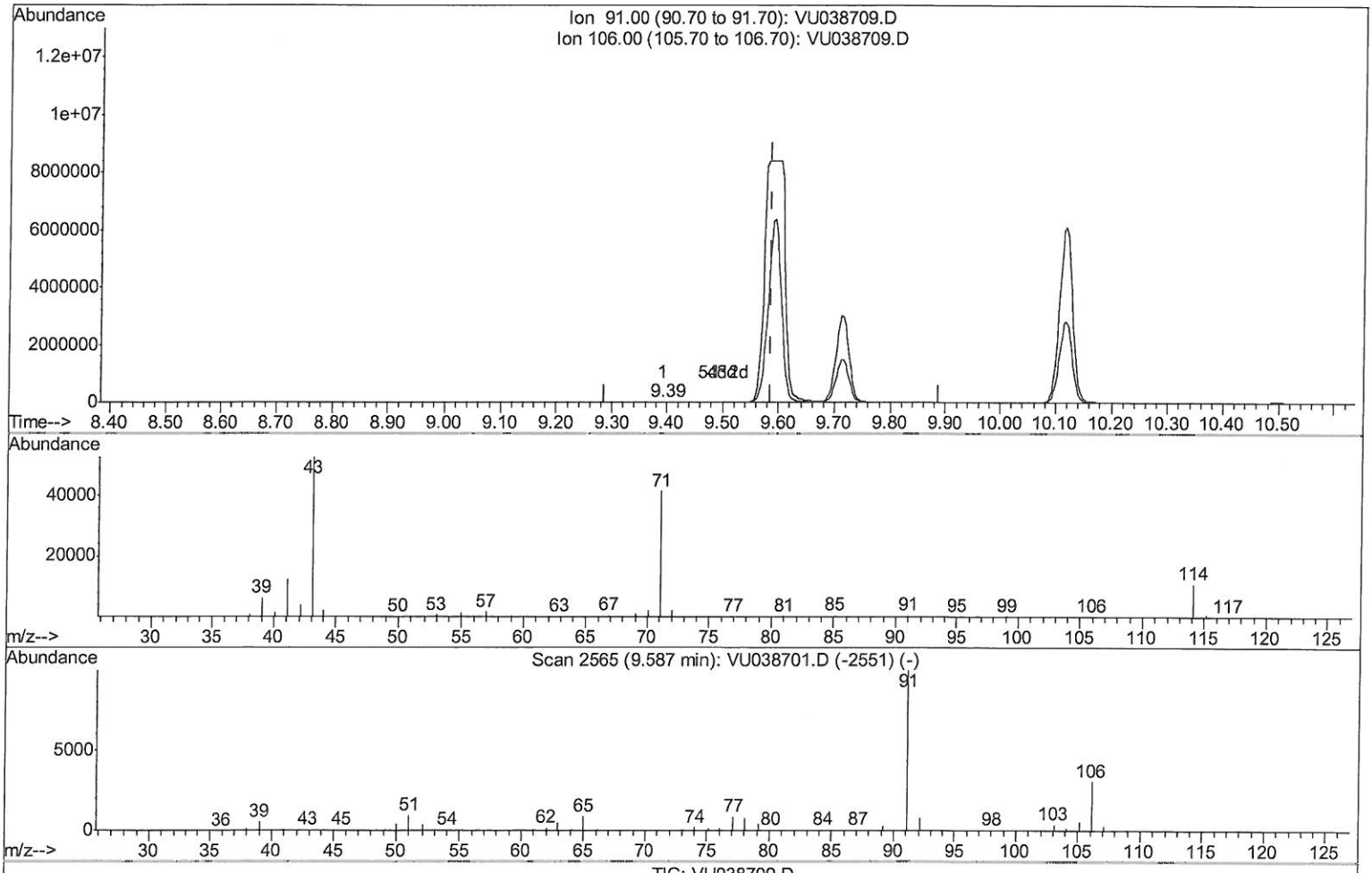
Instrument :
MSVOA_U
ClientSampleId :
F9D85

Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



TIC: VU038709.D

(52) Ethylbenzene (T)

9.394min (-0.193) 0.01ug/L

response 209

Ion	Exp%	Act%
91.00	100	100
106.00	30.70	28.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
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Acq On : 09 Jun 2020 08:32
Operator : SY/MD
Sample : L2913-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 10 00:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
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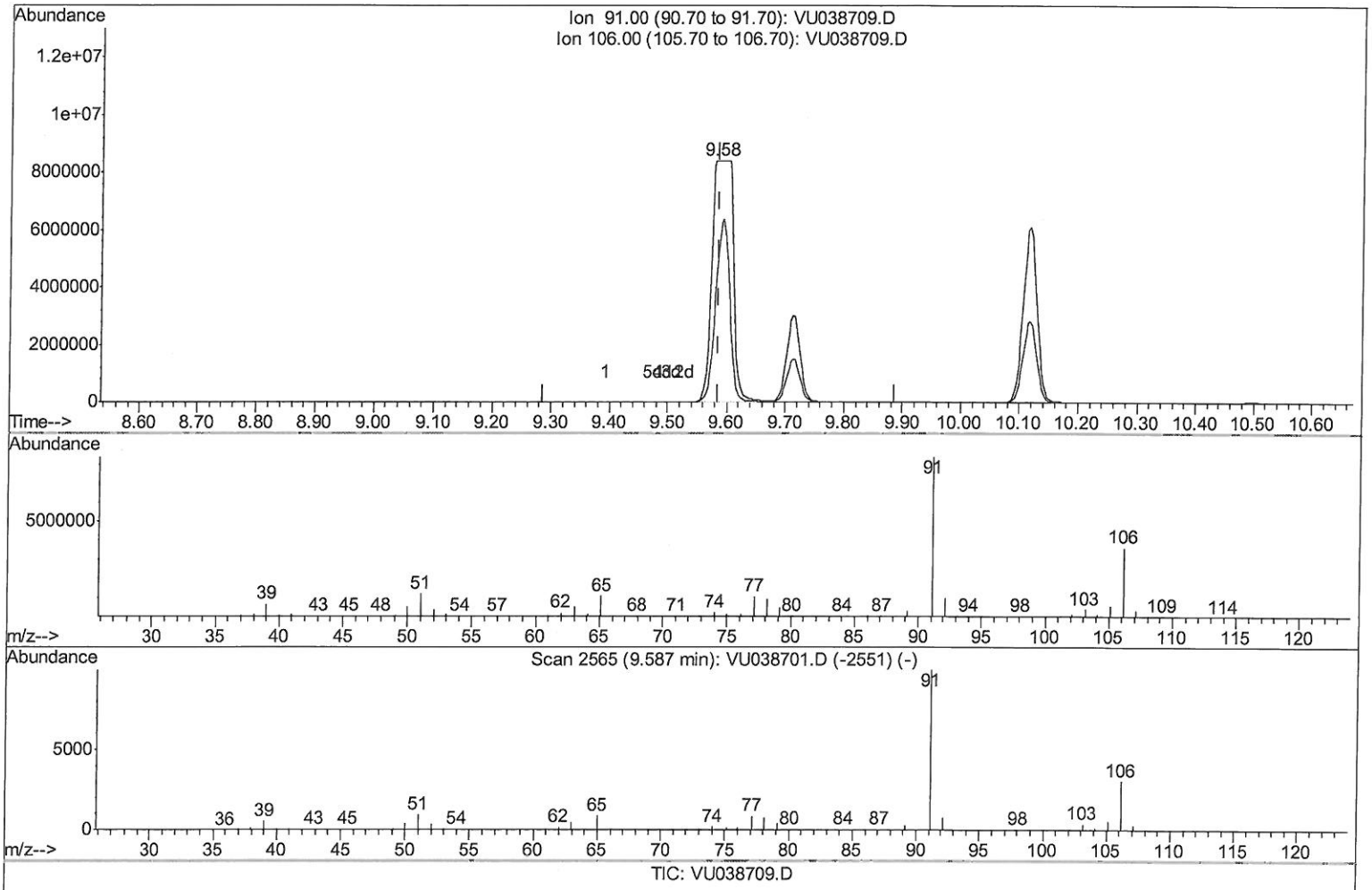
Instrument :
MSVOA_U
ClientSampleId :
F9D85

Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



TIC: VU038709.D

(52) Ethylbenzene (T)

9.581min (-0.007) 835.61ug/L m

response 20884346

Ion	Exp%	Act%
91.00	100	100
106.00	30.70	43.44#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 6/10/20

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
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Operator : SY/MD
Sample : L2913-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 10 00:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
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Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
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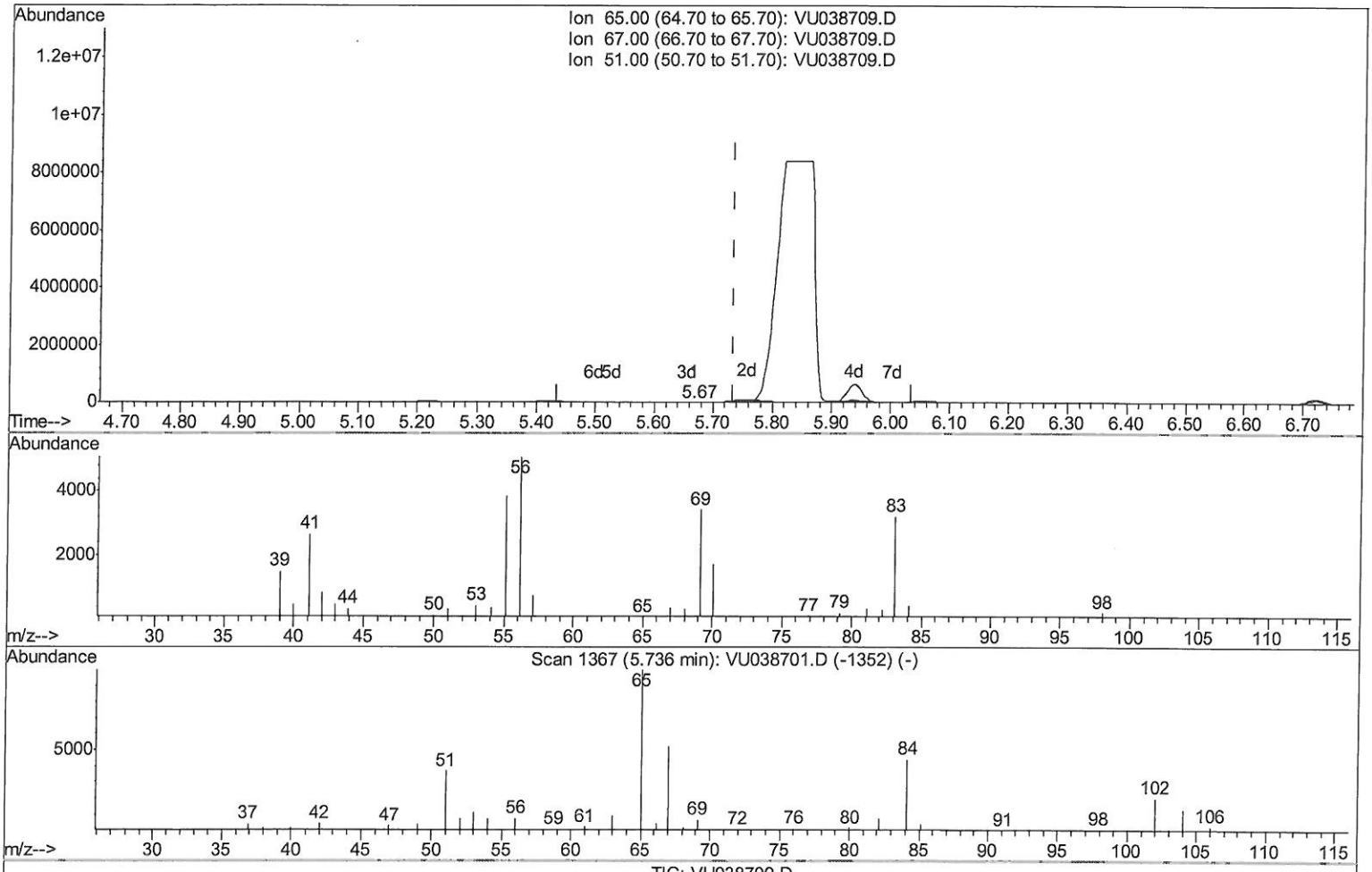

TIC: VU038709.D

(26) 1,2-Dichloroethane-d4 (S)

5.668min (-0.068) 0.00ug/L

response 19

Ion	Exp%	Act%
65.00	100	100
67.00	53.60	0.00#
51.00	37.40	2394.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_U
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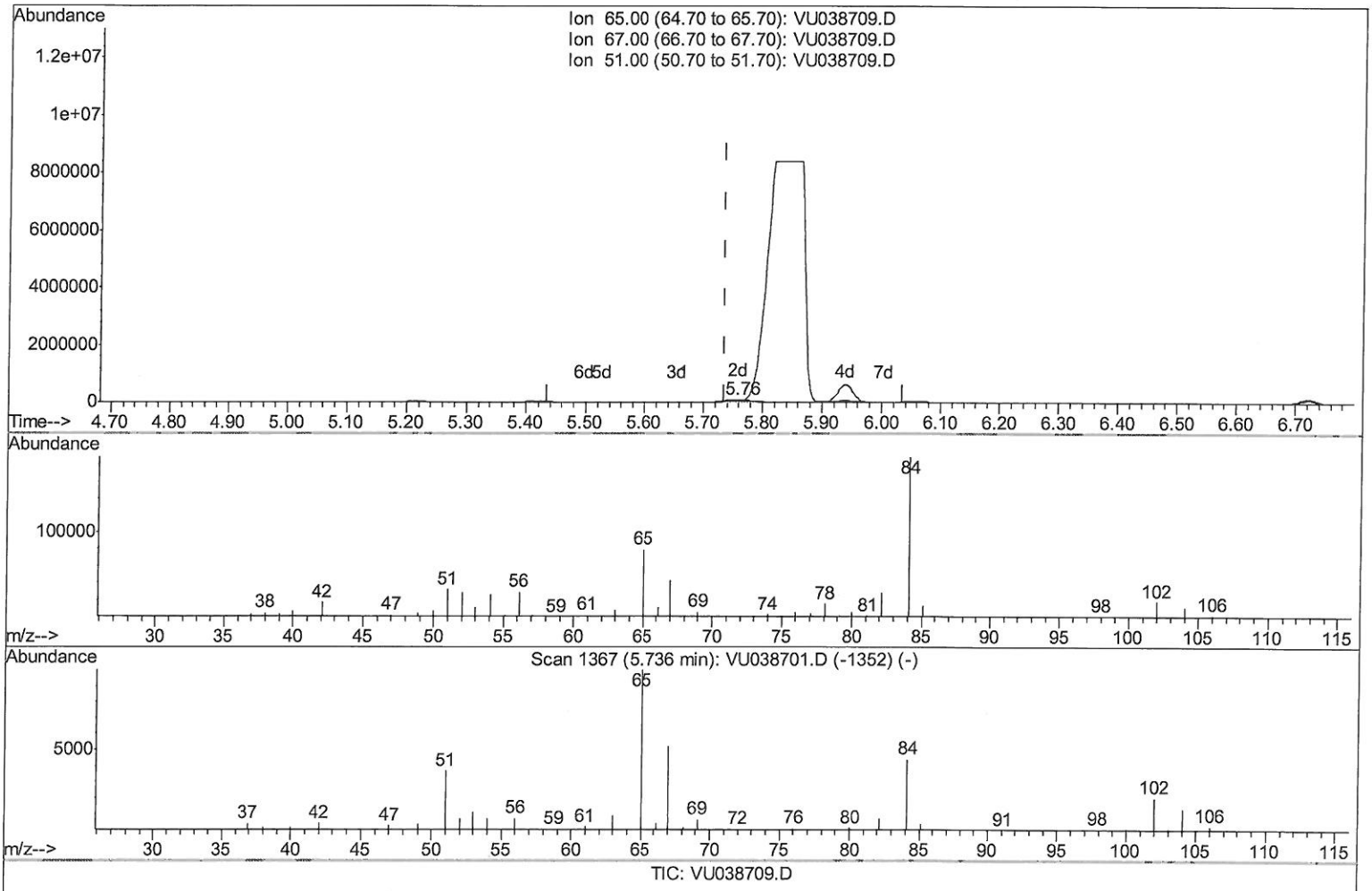
Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM



(26) 1,2-Dichloroethane-d4 (S)

5.758min (+0.022) 47.02ug/L m

response 286475

7 MD 6/10/20

Ion	Exp%	Act%
65.00	100	100
67.00	53.60	0.00#
51.00	37.40	0.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060920\
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Acq On : 09 Jun 2020 08:32
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
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Manual Integrations APPROVED
MMDadoda
6/10/2020 11:24:22 AM

Quant Time: Jun 10 01:36:20 2020
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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	763038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	729336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	378317	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	247814	58.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.26%			
7) Chloroethane-d5	1.93	69	211633	63.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 127.98%			
11) 1,1-Dichloroethene-d2	2.59	63	356052	38.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.64%			
21) 2-Butanone-d5	4.67	46	447773	107.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.96%			
24) Chloroform-d	5.10	84	445462	48.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.92%			
26) 1,2-Dichloroethane-d4	5.76	65	286475m	47.02	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.04%			
32) Benzene-d6	5.78	84	934333	53.18	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.36%			
36) 1,2-Dichloropropane-d6	6.72	67	303032	55.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.94%			
41) Toluene-d8	7.92	98	870316	54.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.64%			
43) trans-1,3-Dichloropropene-	8.20	79	144782	53.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.22%			
47) 2-Hexanone-d5	8.65	63	330935	114.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.83%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	441440	54.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.32%			
64) 1,2-Dichlorobenzene-d4	12.20	152	351445	53.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.02%			

Target Compounds						Qvalue
13) Acetone	2.66	43	15361	4.596	ug/L	91
29) Cyclohexane	5.43	56	1914306	229.417	ug/L	100
33) Benzene	5.79	78	49976883m	2307.545	ug/L	
35) Methylcyclohexane	6.79	83	147318	17.734	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	93942	10.647	ug/L	95
42) Toluene	7.99	91	17804003m	786.197	ug/L	
52) Ethylbenzene	9.58	91	20884346m	835.615	ug/L	
53) m,p-Xylene	9.71	106	2431487	253.441	ug/L	98
54) o-xylene	10.12	106	4601709	494.085	ug/L	100
56) Isopropylbenzene	10.50	105	621036	25.549	ug/L	99

MD 6/10/20

MD 6/10/20

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