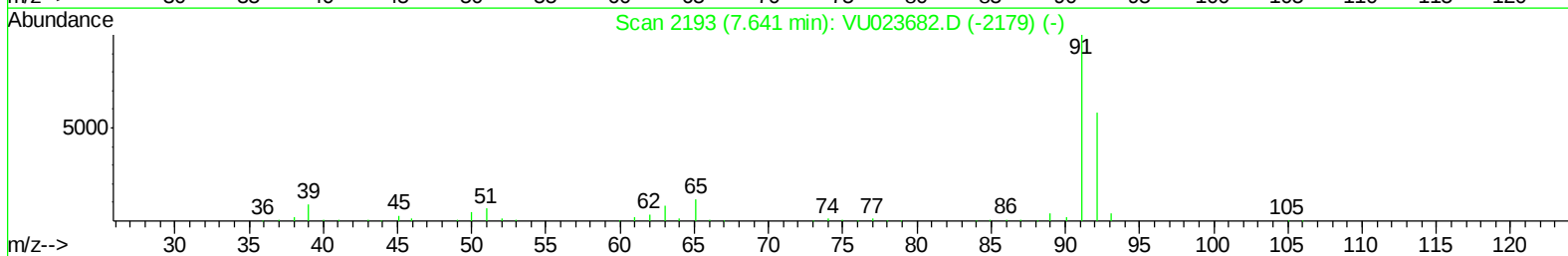
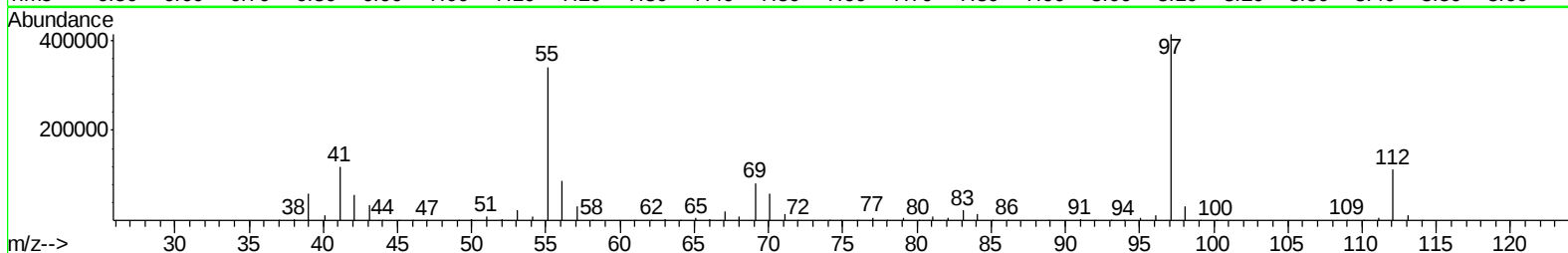
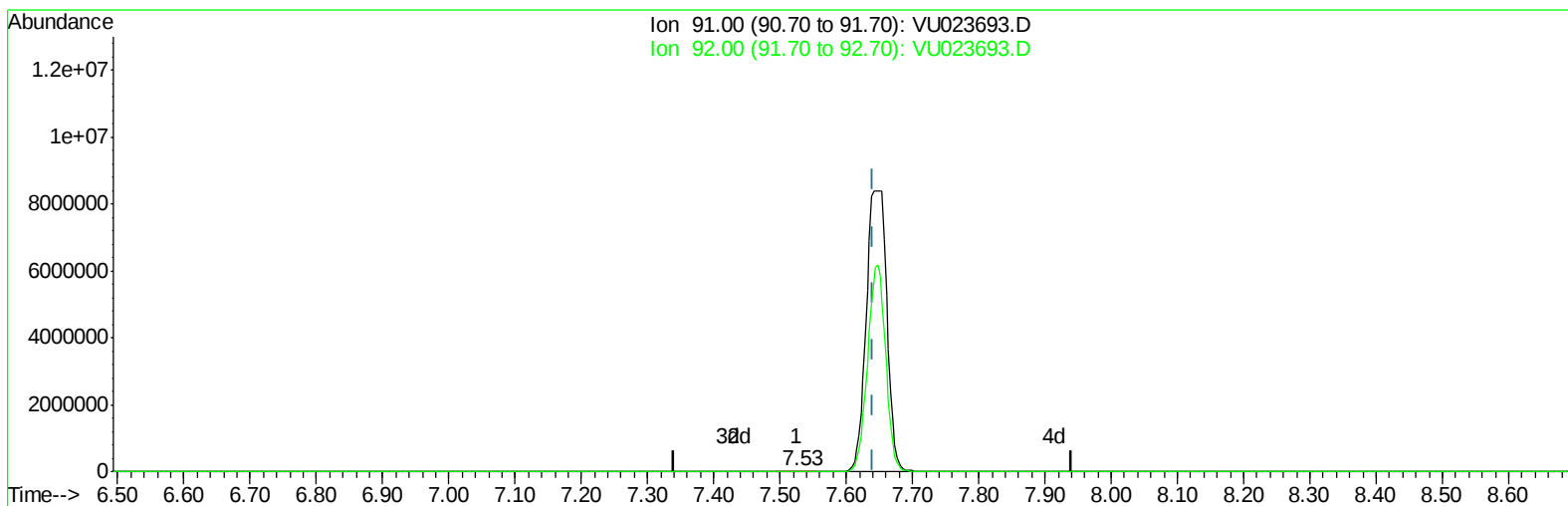


Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 00:53:01 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



TIC: VU023693.D

(42) Toluene (T)

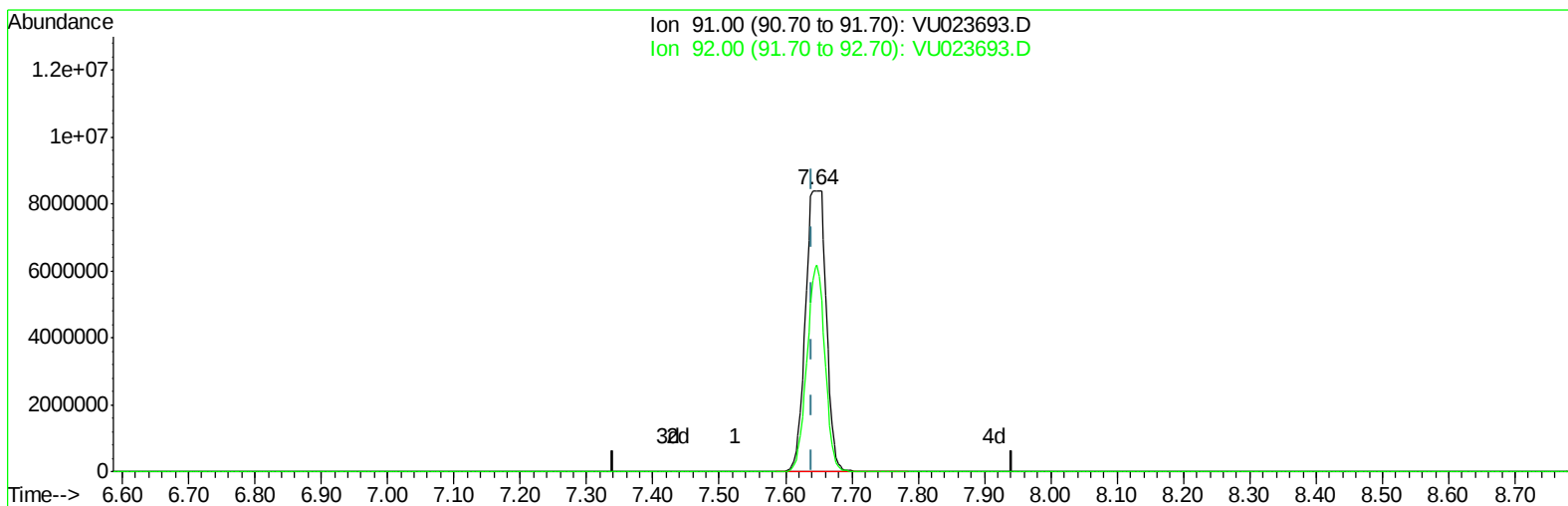
7.525min (-0.116) 0.31ug/L

response 4589

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	11.25#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 00:53:01 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



(42) Toluene (T)

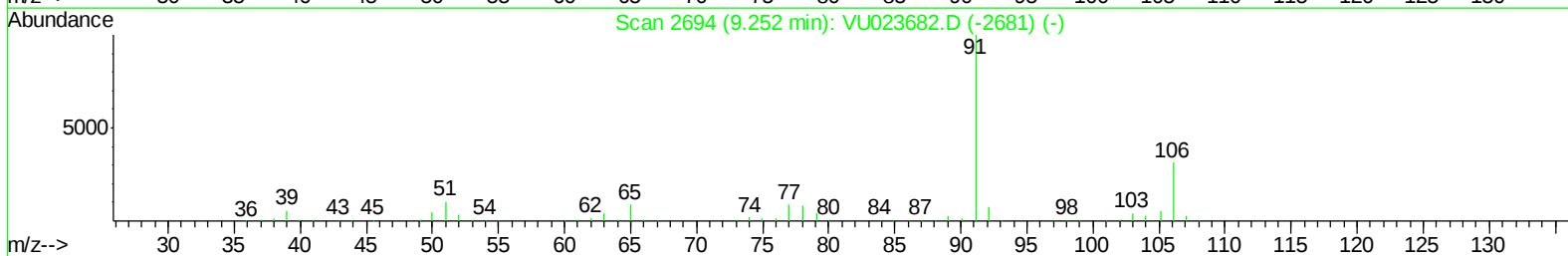
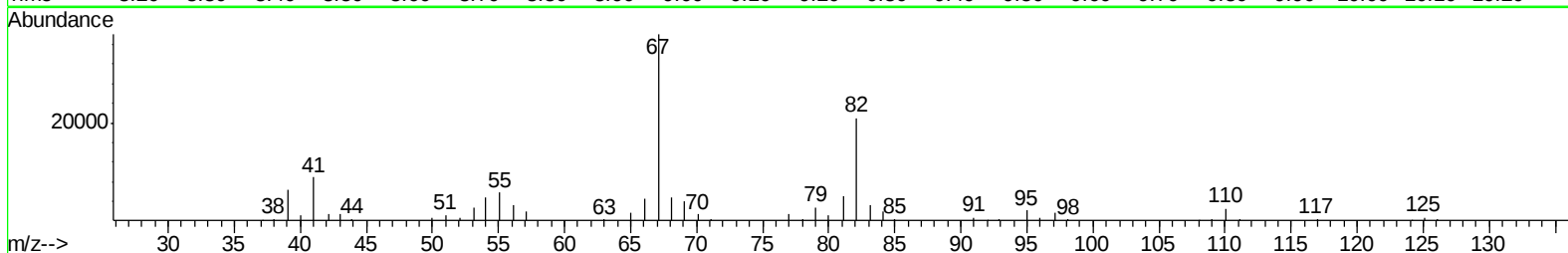
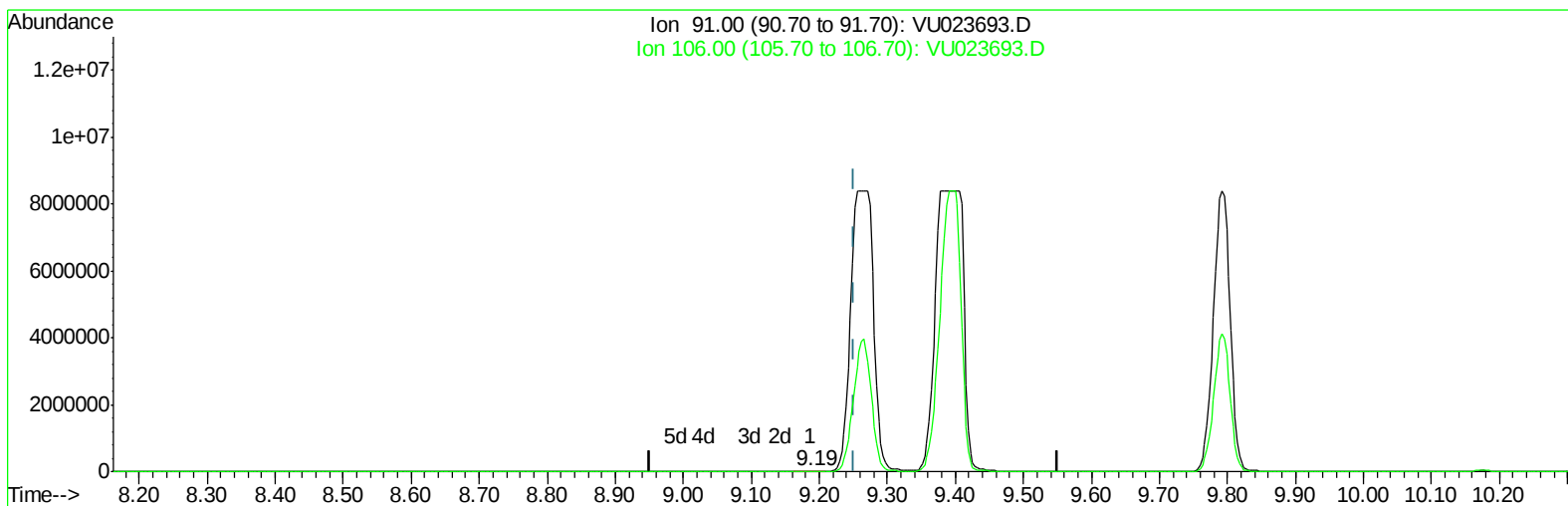
7.641min (-0.000) 1242.91ug/L m

response 18319699

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	68.03
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 00:53:01 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



TIC: VU023693.D

(52) Ethylbenzene (T)

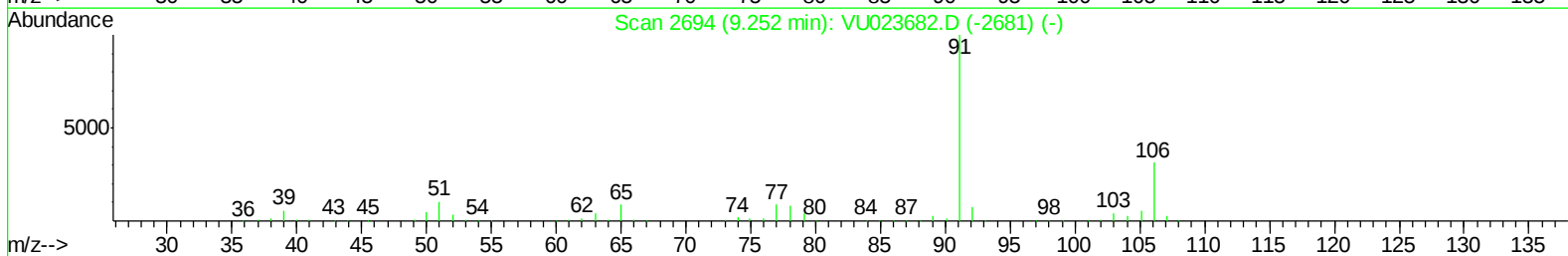
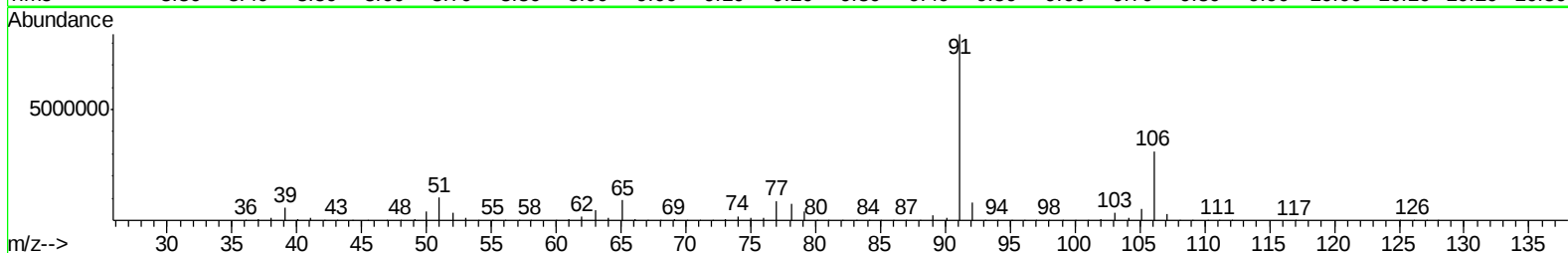
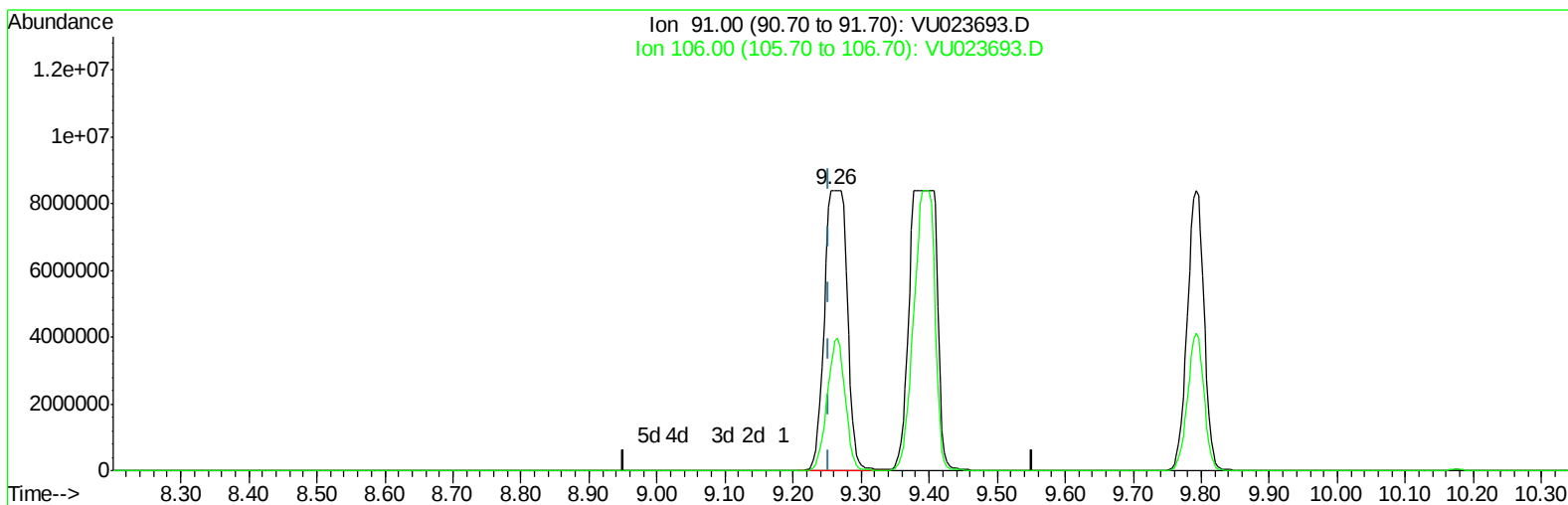
9.188min (-0.064) 0.05ug/L

response 776

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 00:53:01 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



TIC: VU023693.D

(52) Ethylbenzene (T)

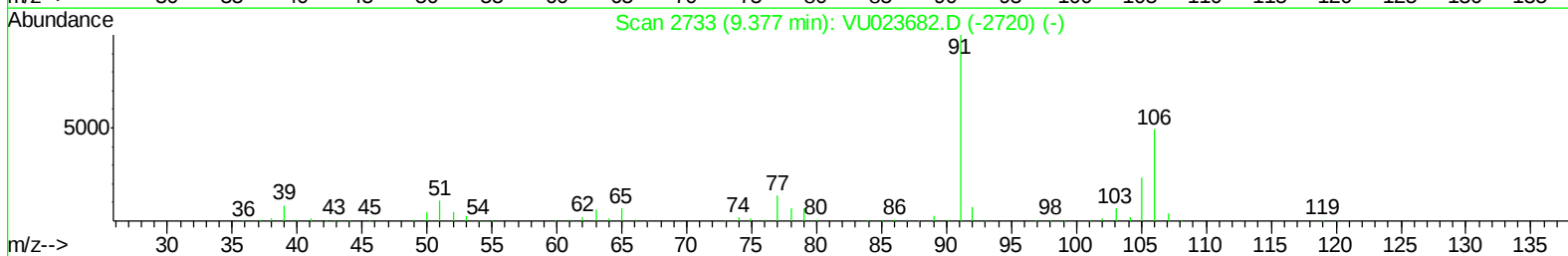
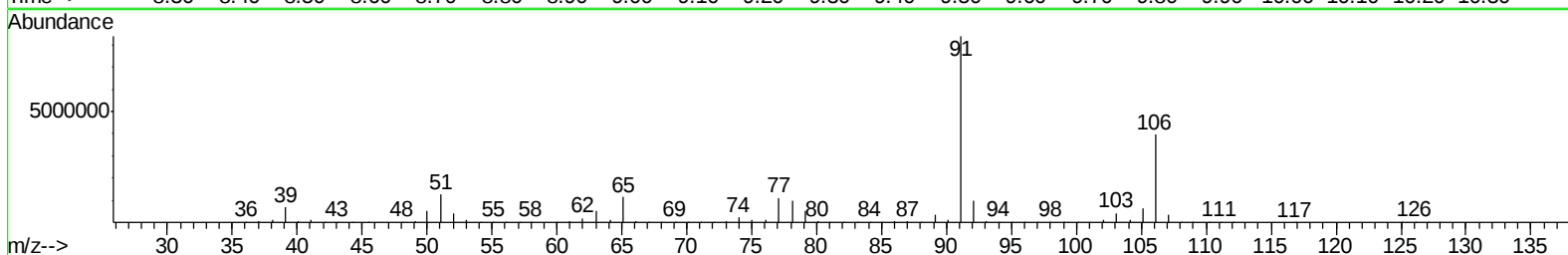
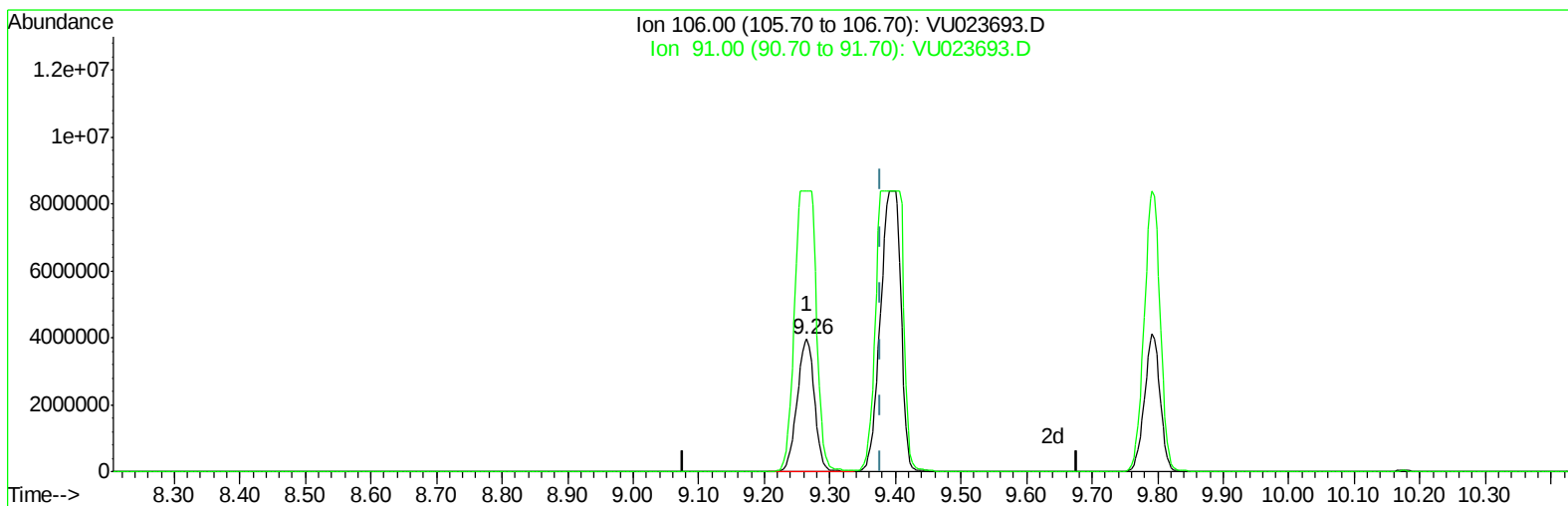
9.255min (+0.003) 1216.73ug/L m

response 19439813

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	37.21
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 00:53:01 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



TIC: VU023693.D

(53) m,p-Xylene (T)

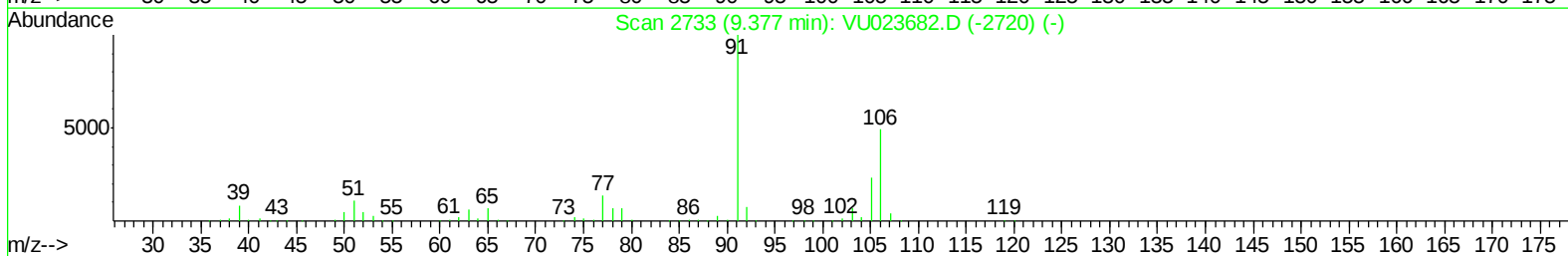
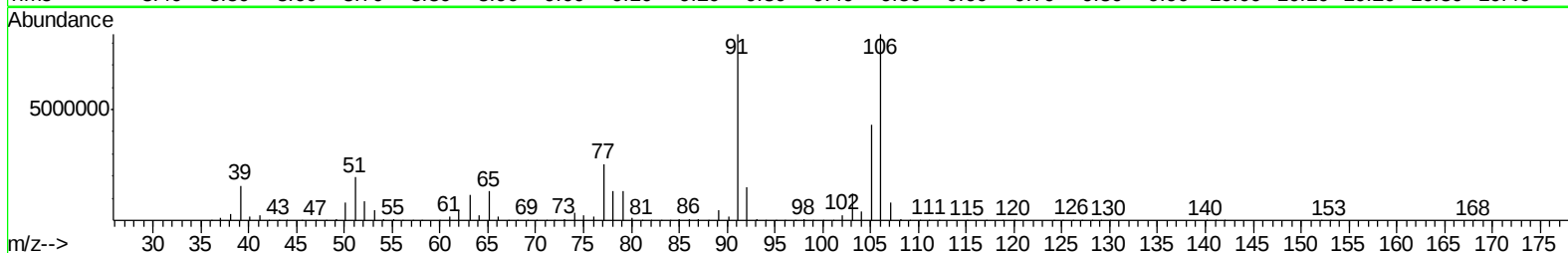
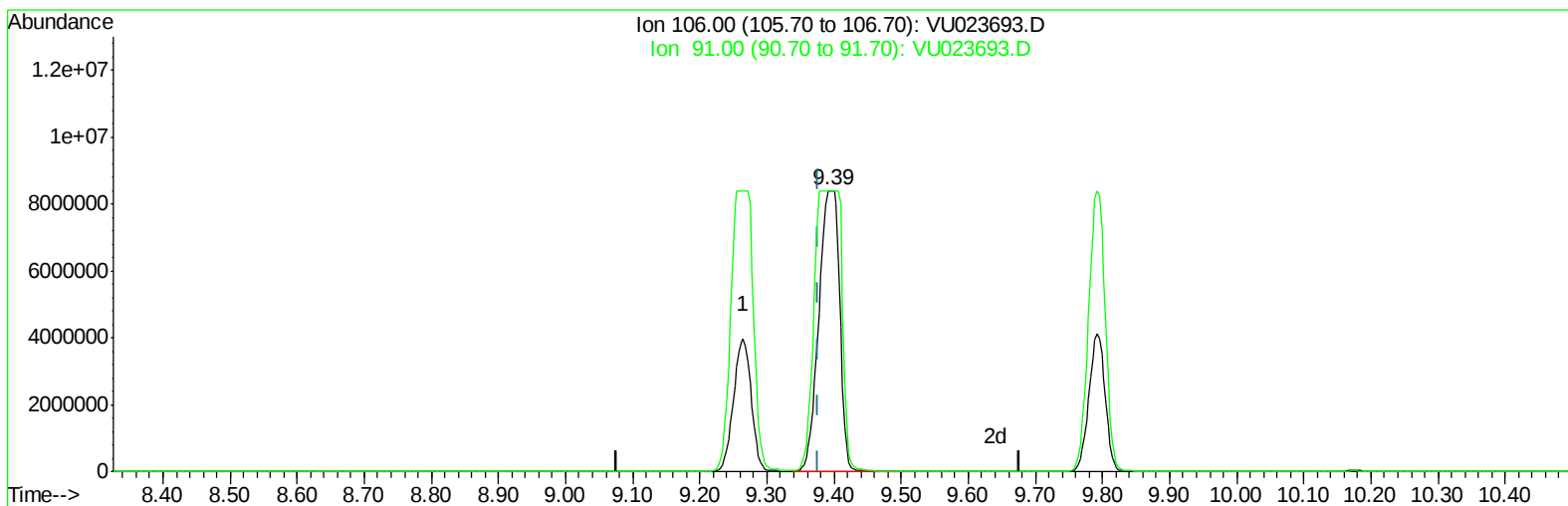
9.265min (-0.113) 1193.94ug/L

response 7275852

Ion	Exp%	Act%
106.00	100	100
91.00	205.80	211.89
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 00:53:01 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



TIC: VU023693.D

(53) m,p-Xylene (T)

9.390min (+0.013) 2968.27ug/L m

response 18088517

Ion	Exp%	Act%
106.00	100	100
91.00	205.80	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023693.D
 Acq On : 06 May 2018 16:23
 Operator : MD/SY
 Sample : J2691-22ME
 Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 02:04:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	414018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	403549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	219379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111621	38.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.08%
7) Chloroethane-d5	1.64	69	53240	23.80	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.60%#
11) 1,1-Dichloroethene-d2	2.23	63	150735	26.35	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.70%#
21) 2-Butanone-d5	4.20	46	235944	116.38	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.38%
24) Chloroform-d	4.65	84	189440	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.08%
26) 1,2-Dichloroethane-d4	5.31	65	135856	40.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.50%
32) Benzene-d6	5.34	84	434729	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.30%
36) 1,2-Dichloropropane-d6	6.33	67	145586	40.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.28%
41) Toluene-d8	7.57	98	448045	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%
43) trans-1,3-Dichloropropene-	7.86	79	61033	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
47) 2-Hexanone-d5	8.33	63	192729	139.94	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	139.94%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	223696	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.87	152	182686	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%

Target Compounds

						Qvalue
13) Acetone	2.35	43	5969	1.98	ug/L	73
29) Cyclohexane	4.98	56	236793	39.70	ug/L	# 83
35) Methylcyclohexane	6.41	83	1707966	299.70	ug/L	98
42) Toluene	7.64	91	18319699m	1242.91	ug/L	
52) Ethylbenzene	9.26	91	19439813m	1216.73	ug/L	
53) m,p-Xylene	9.39	106	18088517m	2968.27	ug/L	
54) o-xylene	9.79	106	6897358	1194.63	ug/L	94
56) Isopropylbenzene	10.17	105	601648	39.70	ug/L	100

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

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