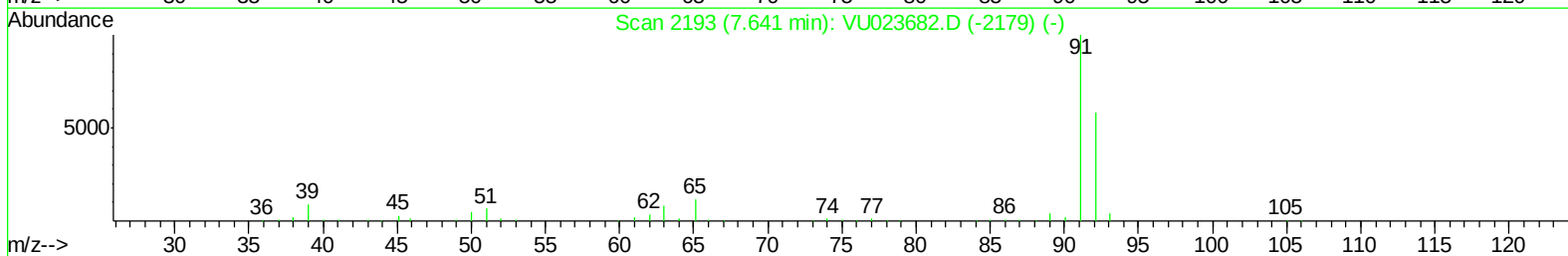
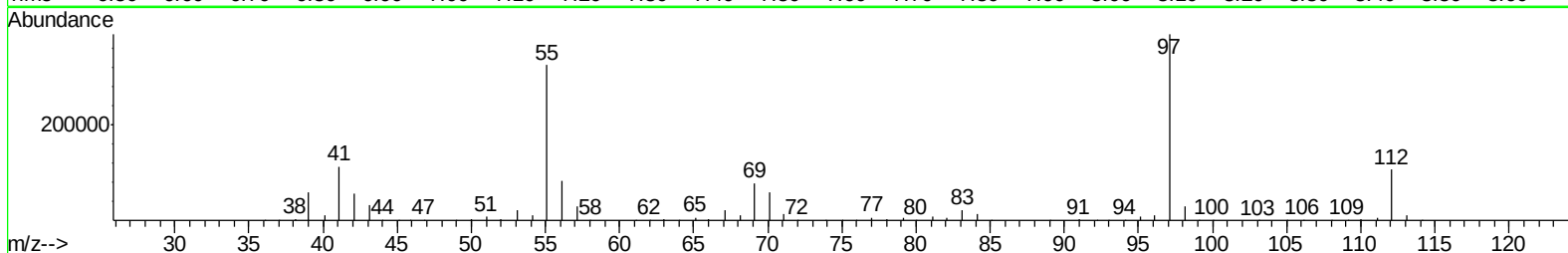
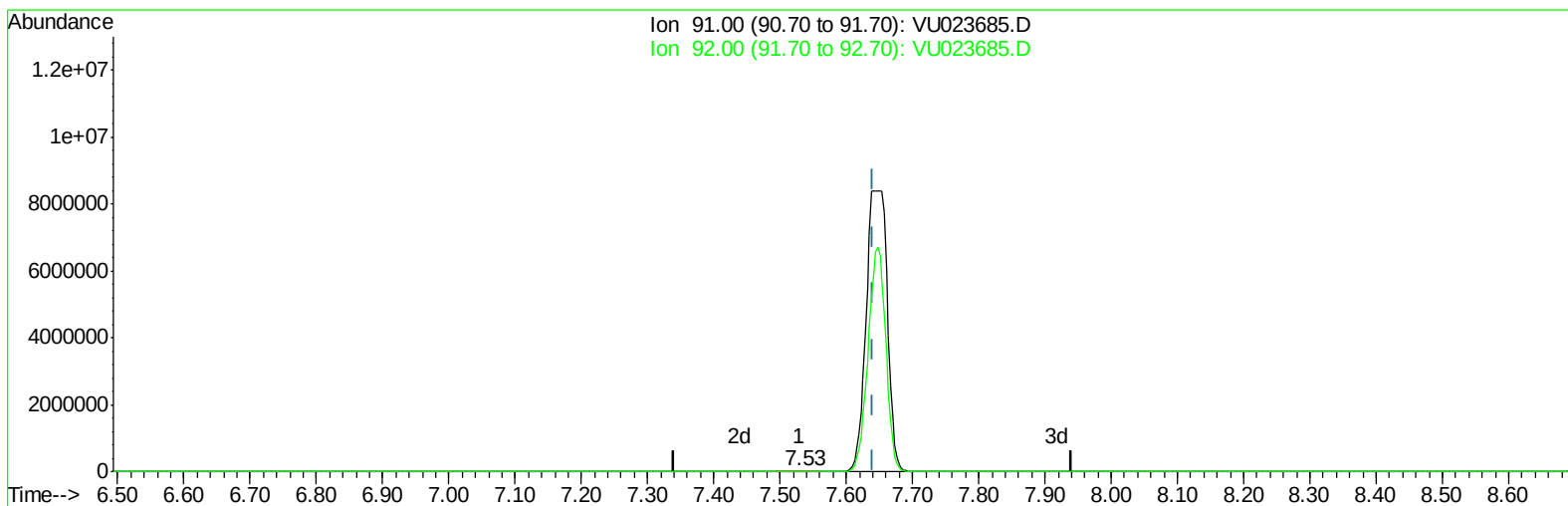


Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(42) Toluene (T)

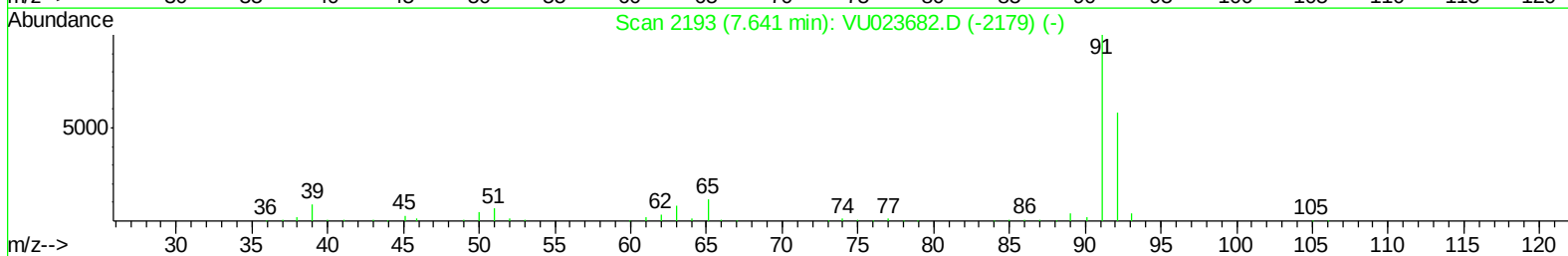
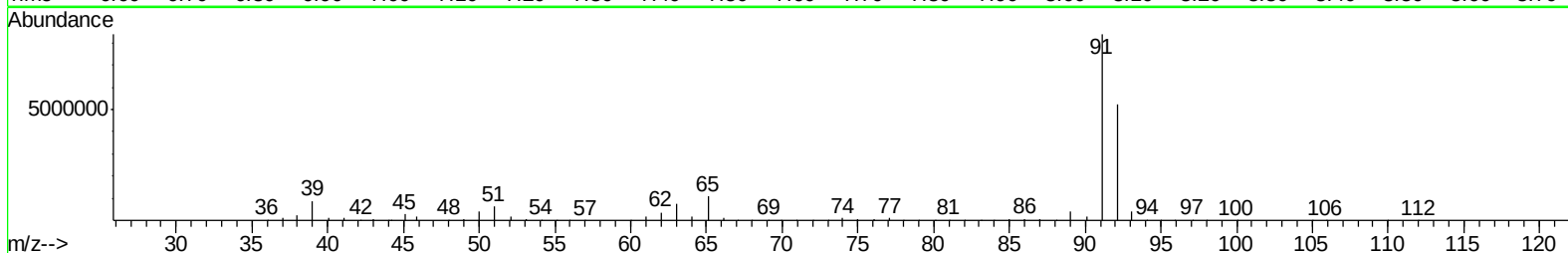
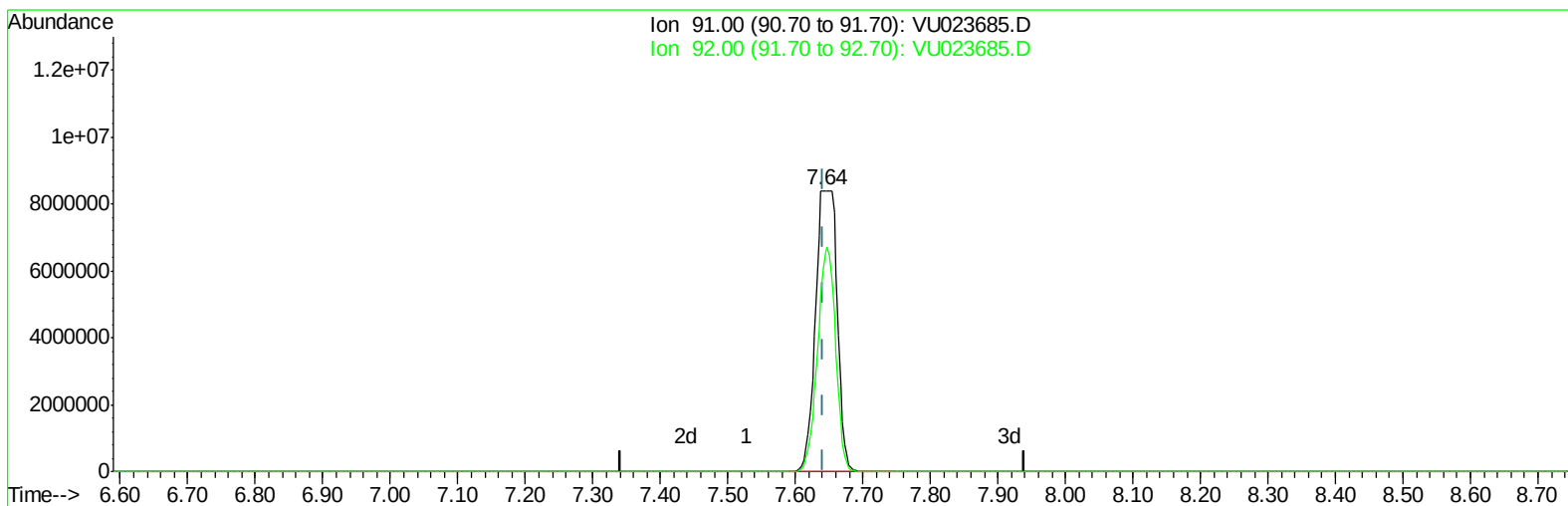
7.529min (-0.113) 0.56ug/L

response 6178

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	10.48#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(42) Toluene (T)

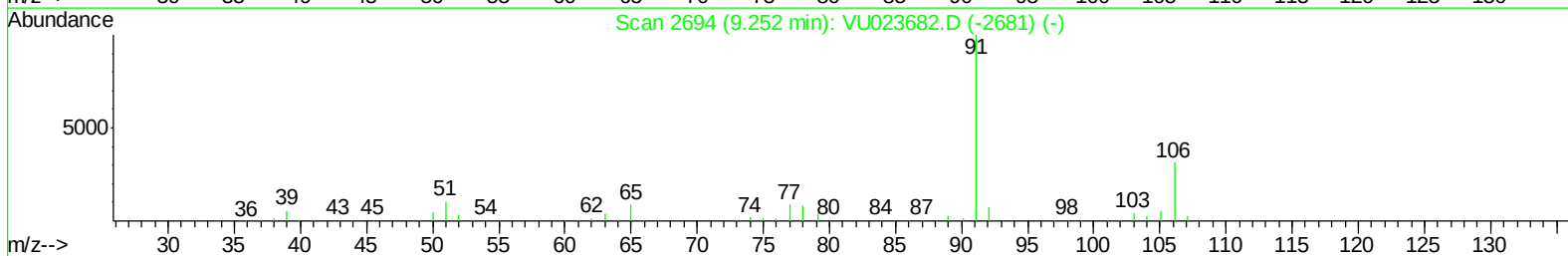
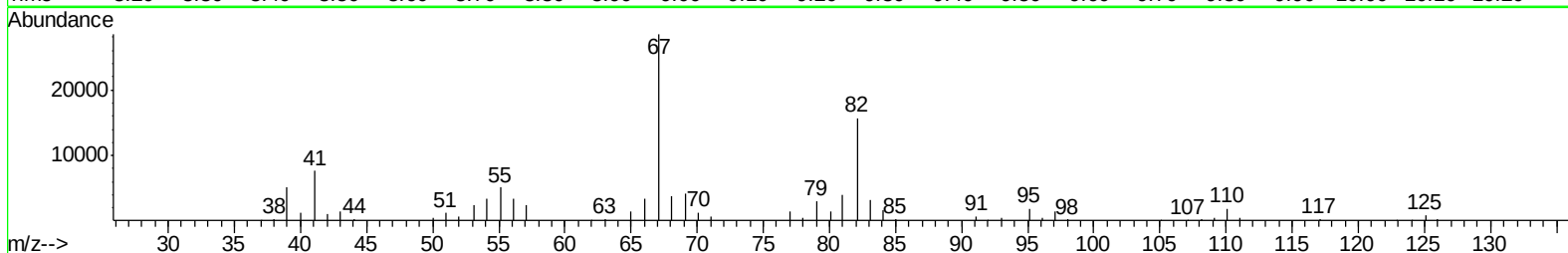
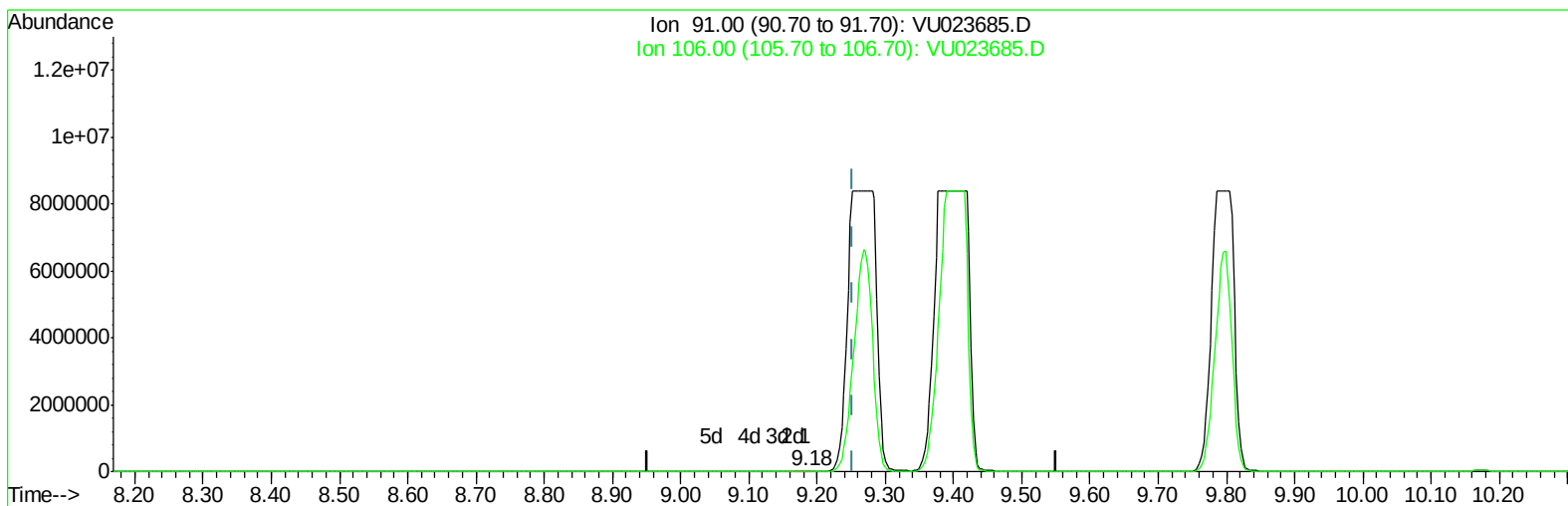
7.638min (-0.003) 1710.35ug/L m

response 18765509

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	62.26
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(52) Ethylbenzene (T)

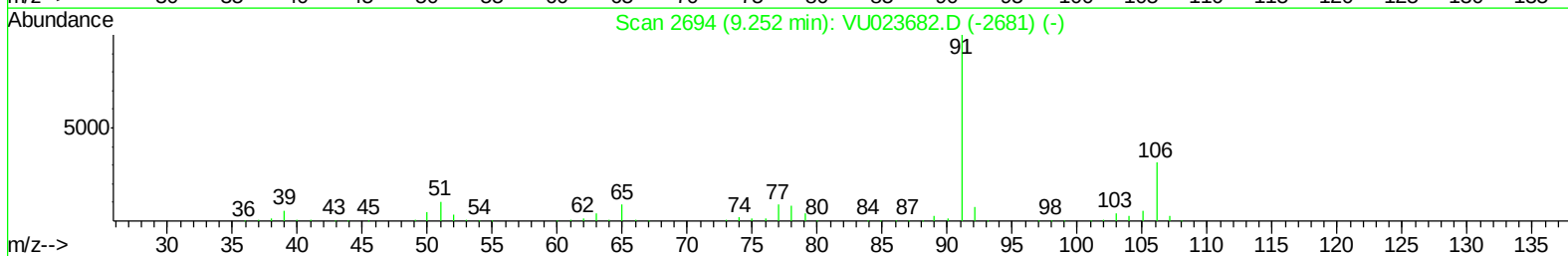
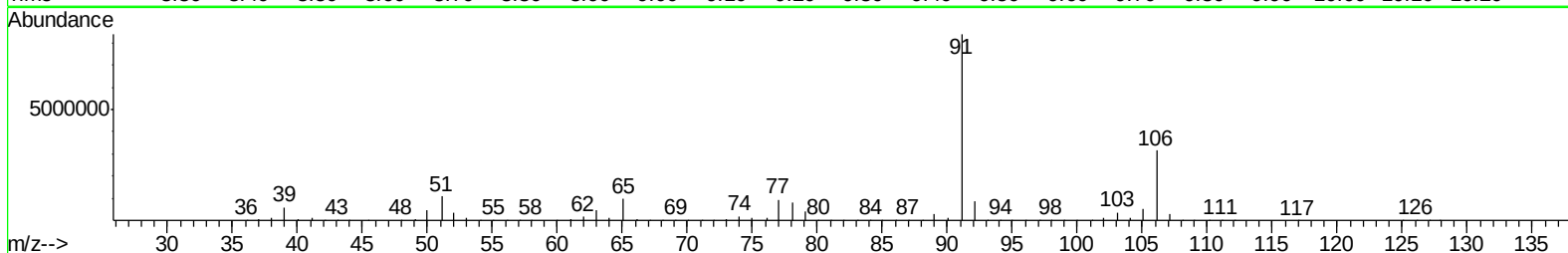
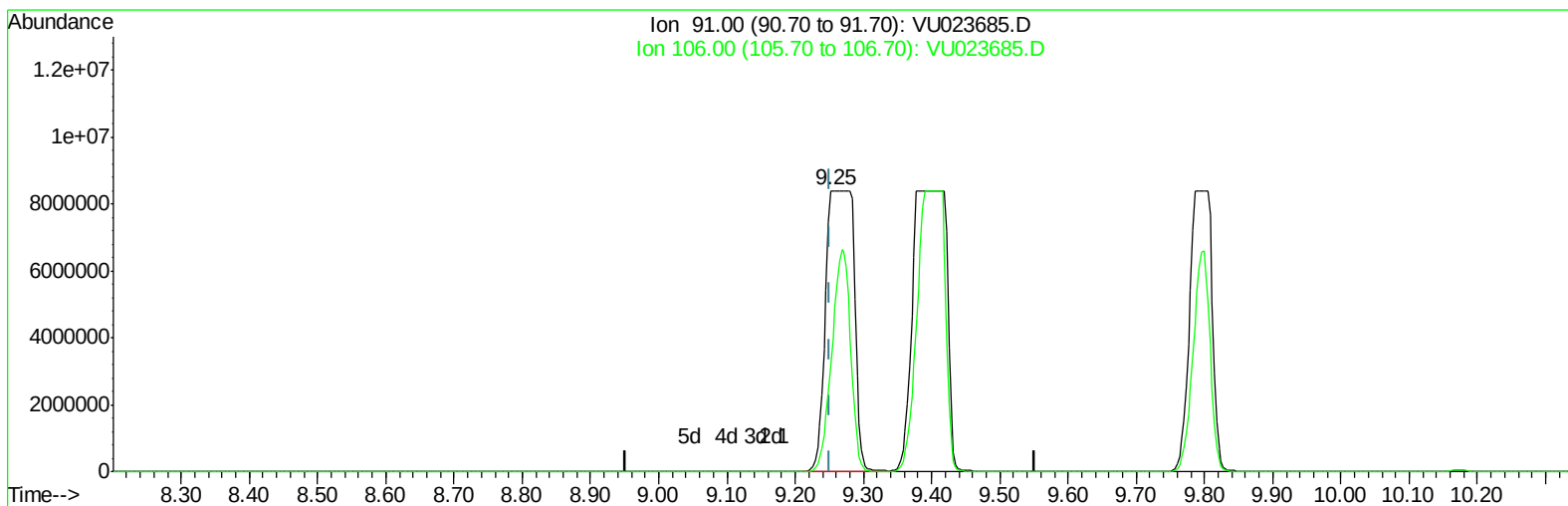
9.184min (-0.068) 0.03ug/L

response 346

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 : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(52) Ethylbenzene (T)

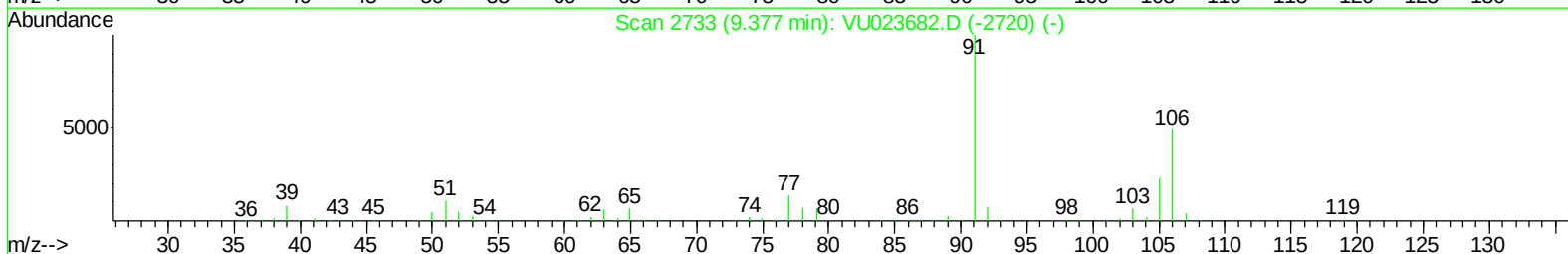
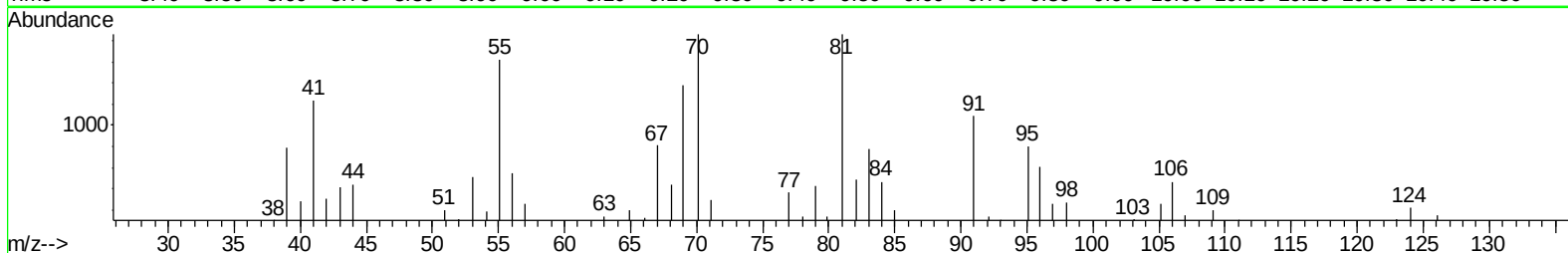
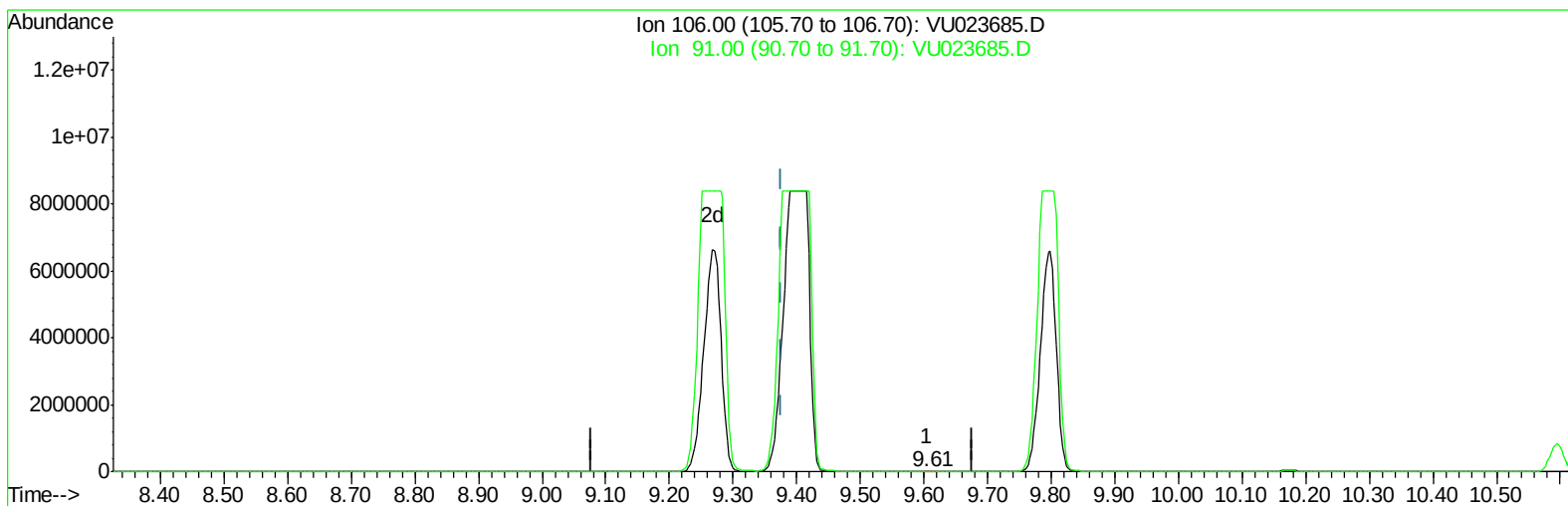
9.252min (-0.000) 2019.46ug/L m

response 24017817

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	37.55
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(53) m,p-Xylene (T)

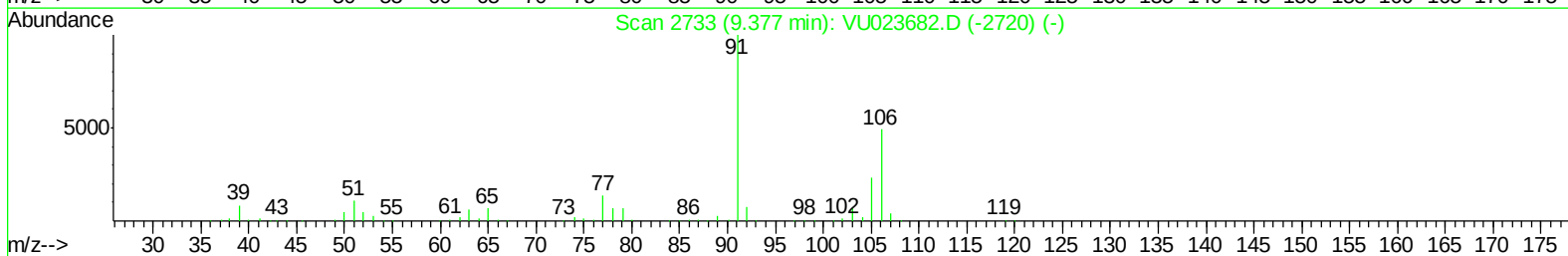
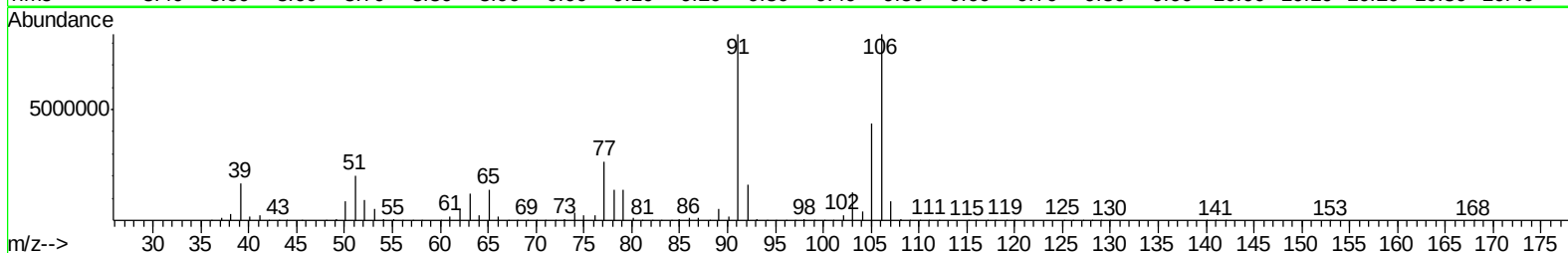
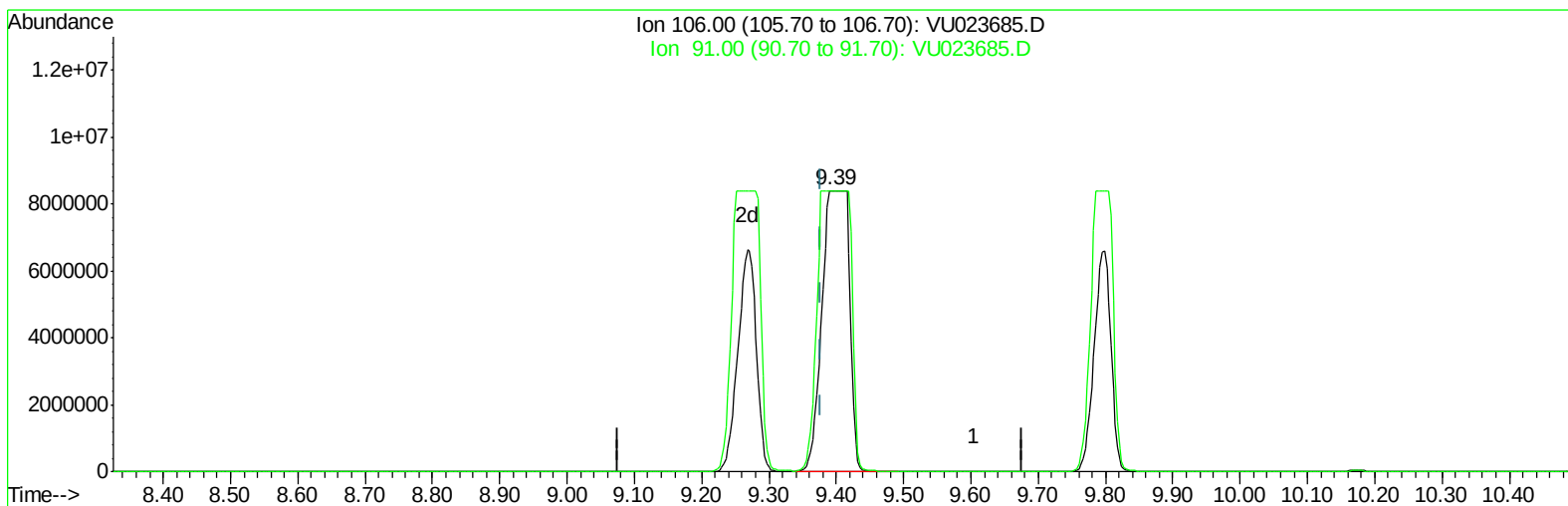
9.606min (+0.228) 0.01ug/L

response 57

Ion	Exp%	Act%
106.00	100	100
91.00	205.80	233.76
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(53) m,p-Xylene (T)

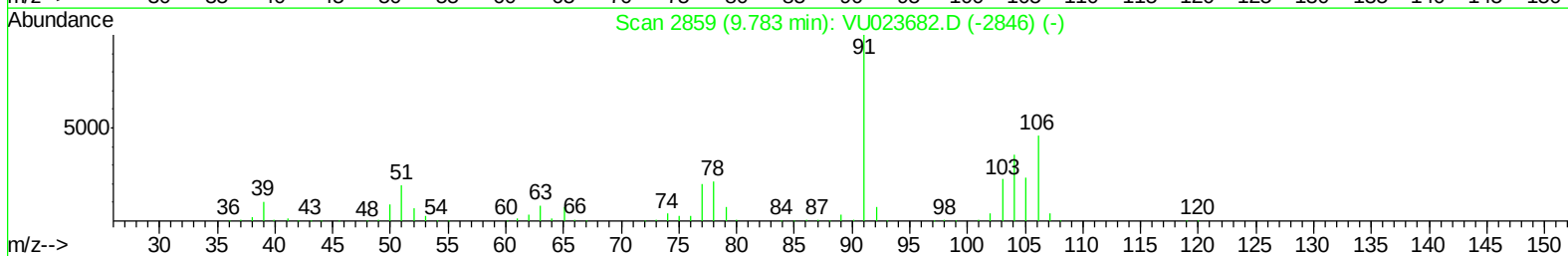
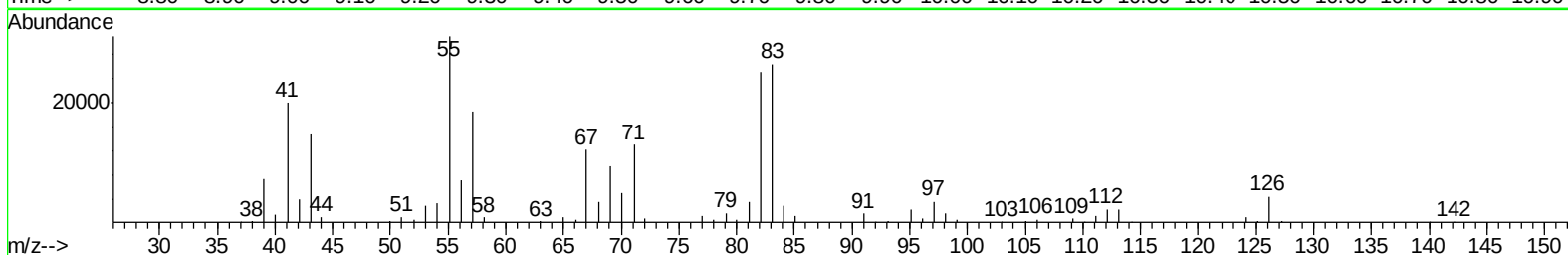
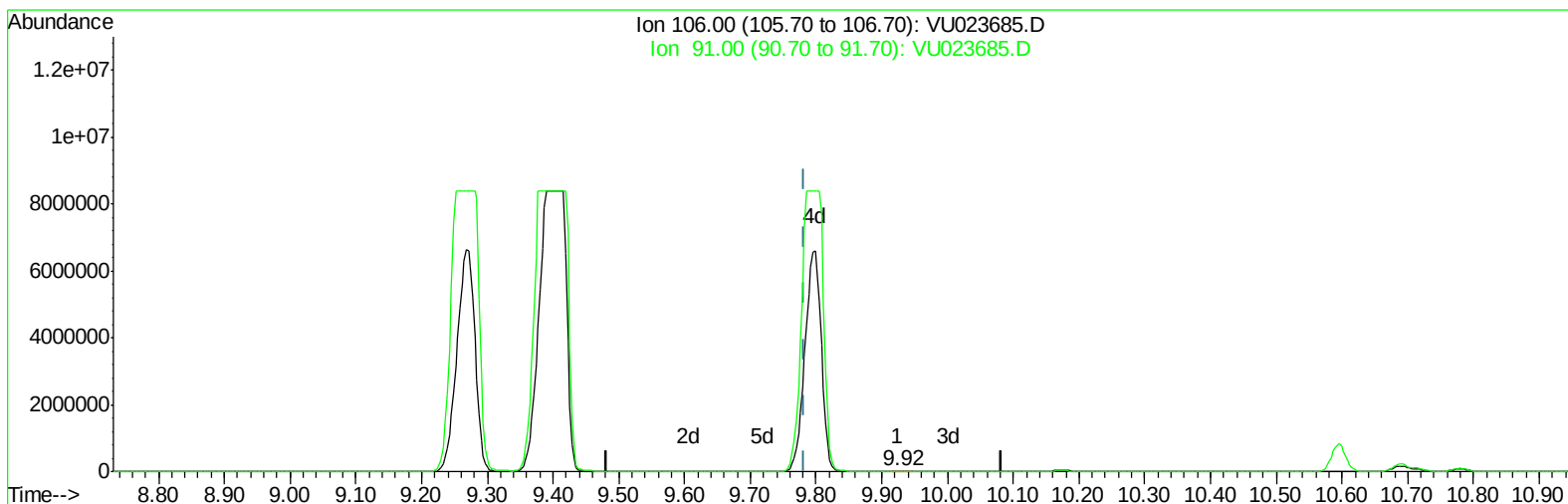
9.390min (+0.013) 5216.67ug/L m

response 23664220

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 : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(54) o-xylene (T)

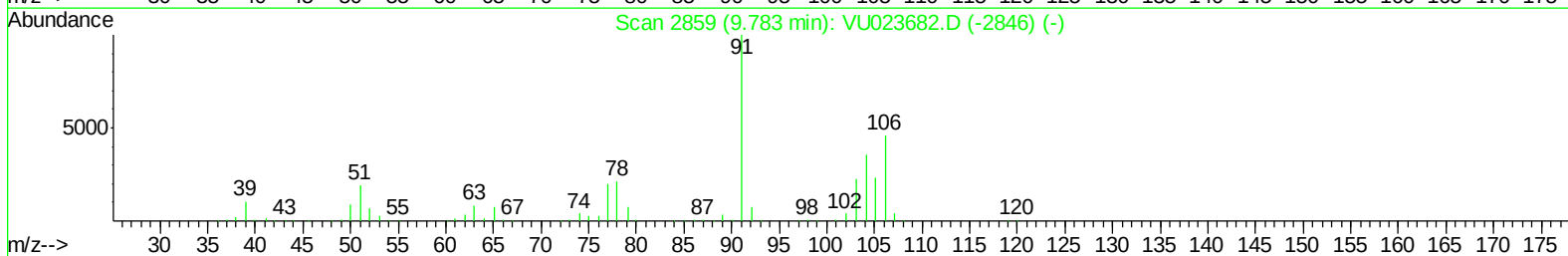
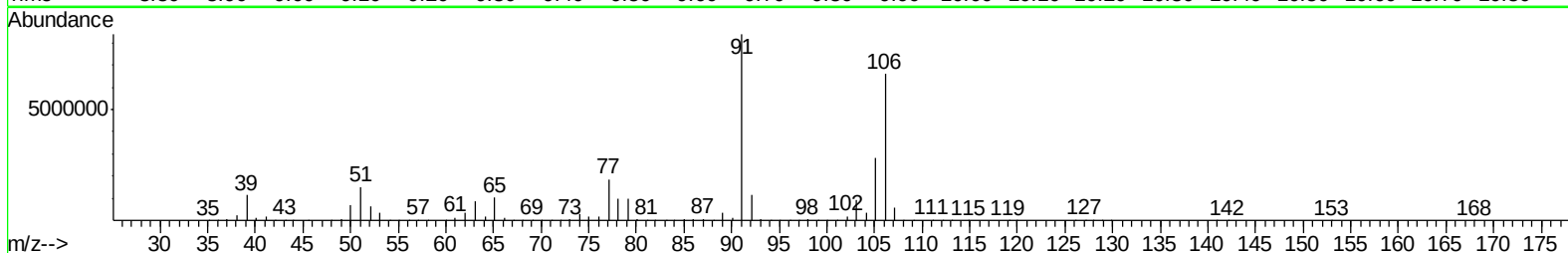
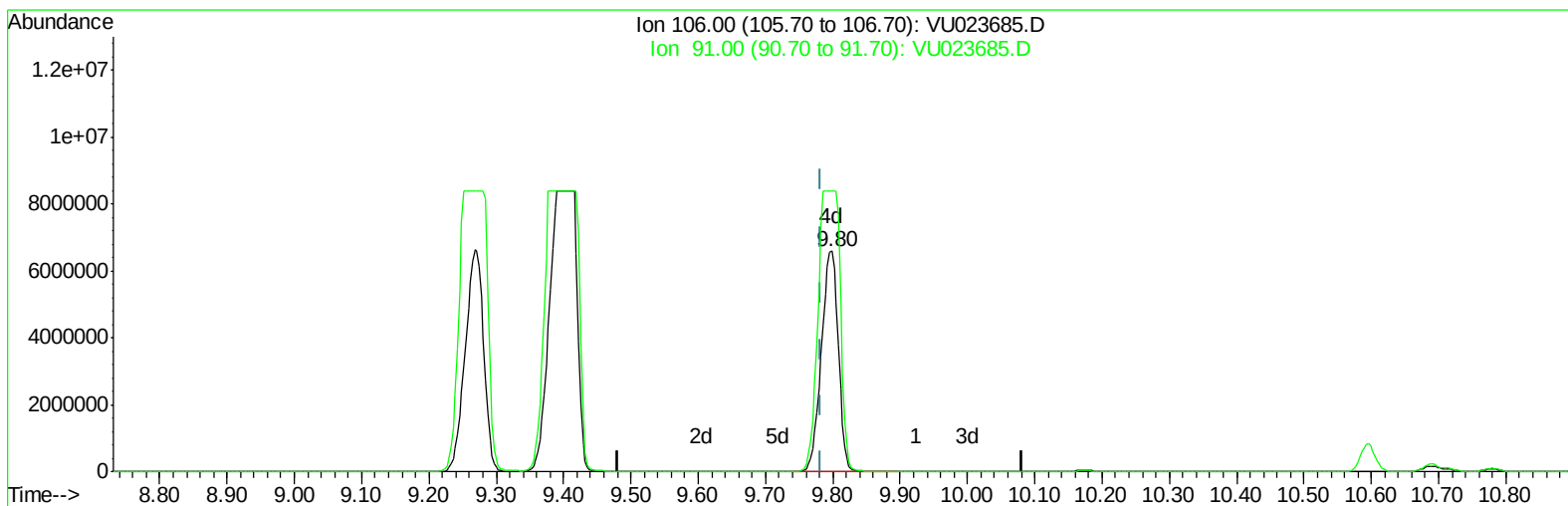
9.924min (+0.141) 0.05ug/L

response 231

Ion	Exp%	Act%
106.00	100	100
91.00	212.70	266.26
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 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: VU023685.D

(54) o-xylene (T)

9.799min (+0.016) 2666.40ug/L m

response 11459688

Ion	Exp%	Act%
106.00	100	100
91.00	212.70	127.45#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023685.D
 Acq On : 06 May 2018 12:22
 Operator : MD/SY
 Sample : J2721-01
 Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:01:58 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	297376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	300397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171508	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	122941	58.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.66%
7) Chloroethane-d5	1.64	69	64650	40.24	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.48%
11) 1,1-Dichloroethene-d2	2.24	63	166079	40.42	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.84%
21) 2-Butanone-d5	4.19	46	204856	140.68	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.68%#
24) Chloroform-d	4.65	84	211117	60.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.14%
26) 1,2-Dichloroethane-d4	5.31	65	150923	62.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.52%
32) Benzene-d6	5.34	84	485214	60.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.40%
36) 1,2-Dichloropropane-d6	6.33	67	162817	60.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.62%#
41) Toluene-d8	7.57	98	492156	66.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.46%#
43) trans-1,3-Dichloropropene-	7.86	79	71206	61.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.54%
47) 2-Hexanone-d5	8.33	63	177629	173.27	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	173.27%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	245062	70.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.36%#
64) 1,2-Dichlorobenzene-d4	11.87	152	213128	63.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.40%#

Target Compounds

						Qvalue
25) Chloroform	4.67	83	12419	2.57	ug/L	91
29) Cyclohexane	4.98	56	179726	40.48	ug/L	# 77
35) Methylcyclohexane	6.41	83	1365906	321.98	ug/L	97
42) Toluene	7.64	91	18765509m	1710.35	ug/L	
46) Tetrachloroethene	8.23	164	7211	3.26	ug/L	94
52) Ethylbenzene	9.25	91	24017817m	2019.46	ug/L	
53) m,p-Xylene	9.39	106	23664220m	5216.67	ug/L	
54) o-xylene	9.80	106	11459688m	2666.40	ug/L	
56) Isopropylbenzene	10.17	105	801531	71.06	ug/L	99

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

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
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Operator : MD/SY
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Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

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