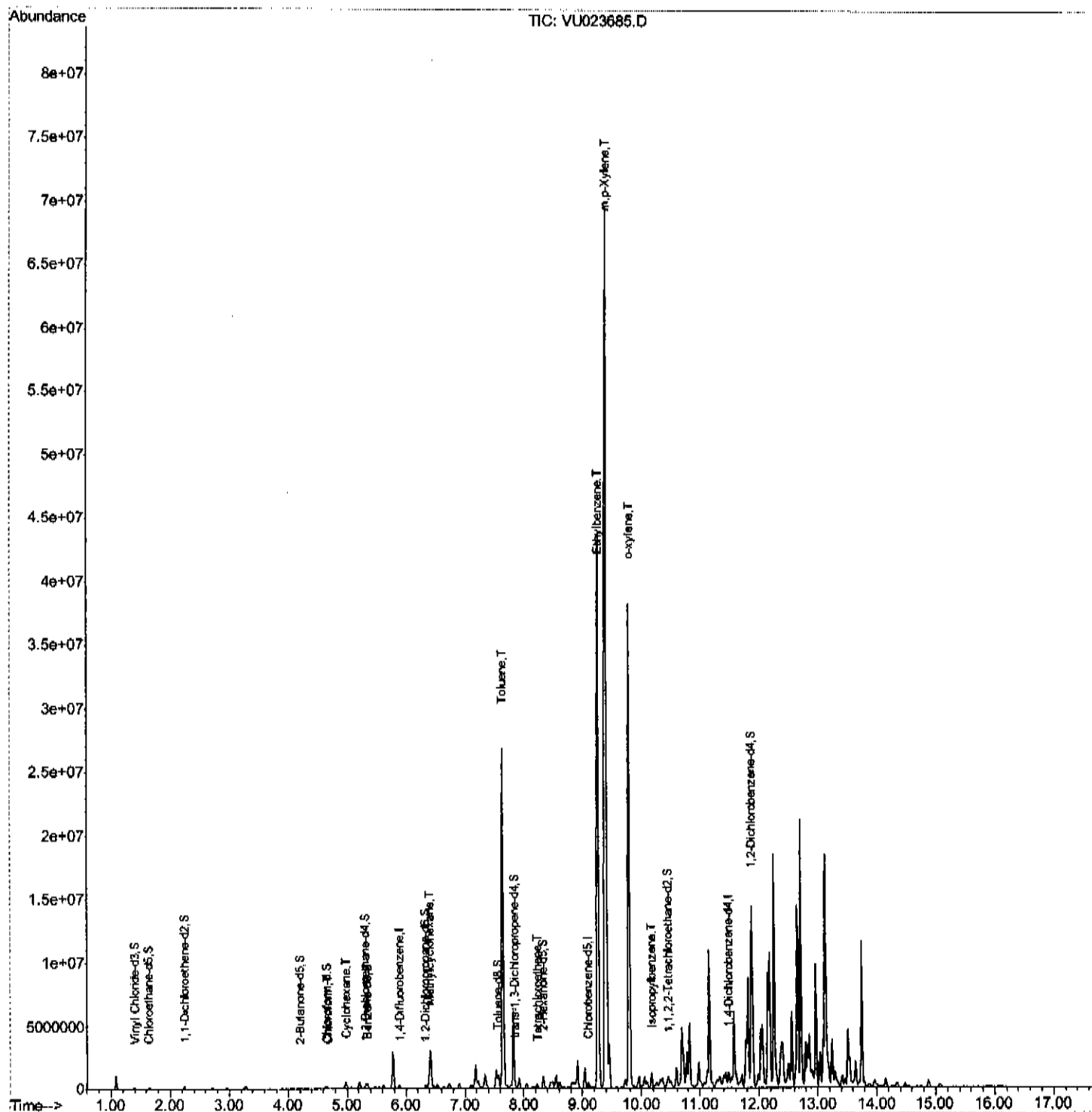


Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

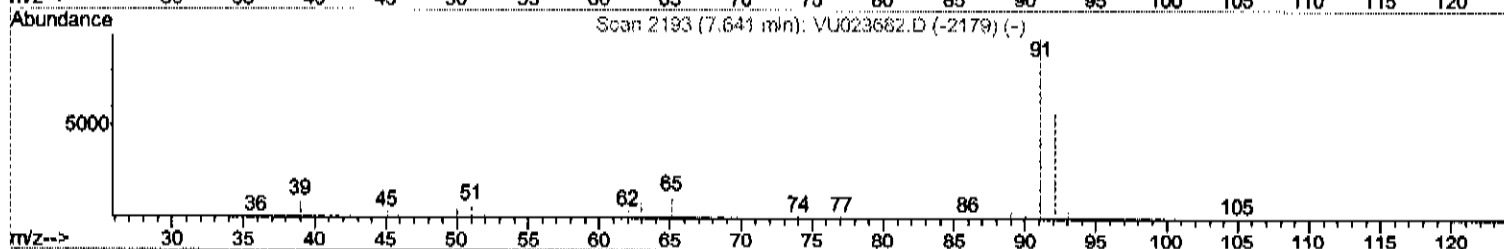
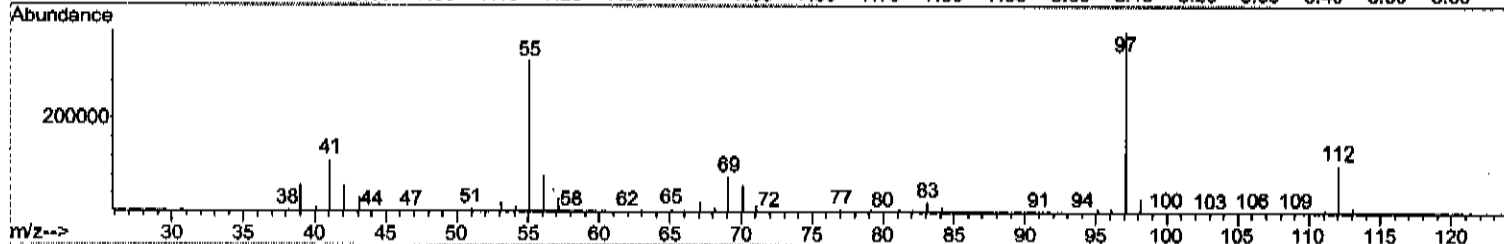
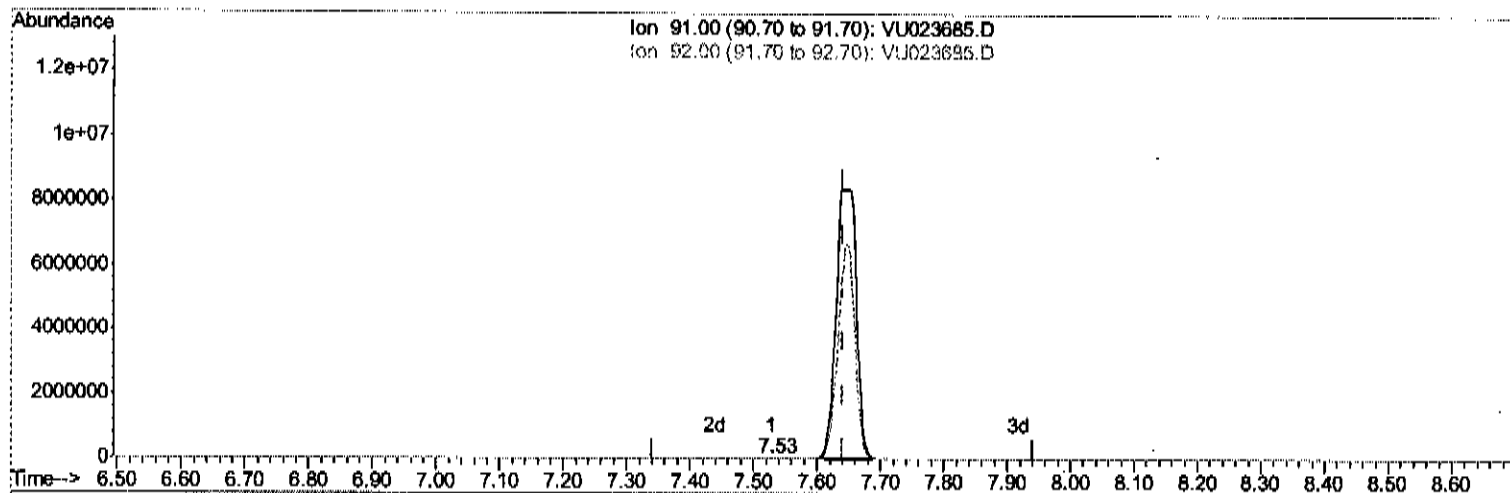
Quant Time: May 07 01:01:58 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

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

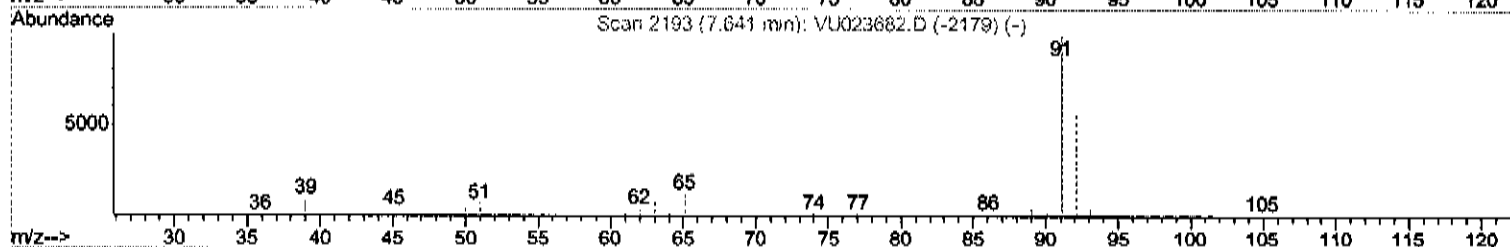
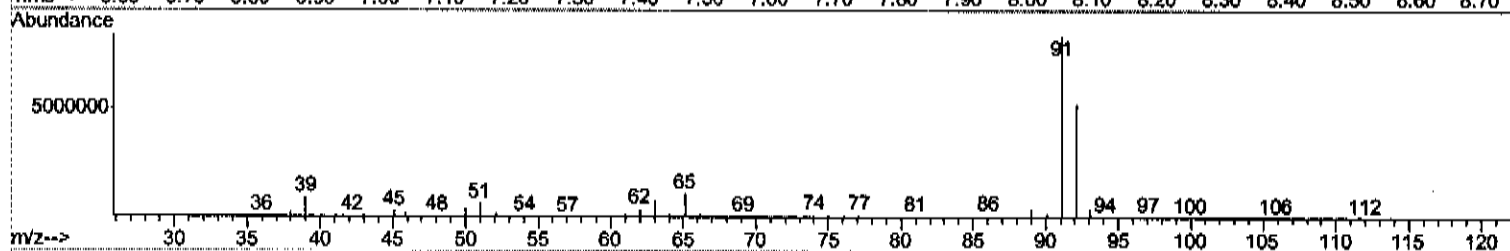
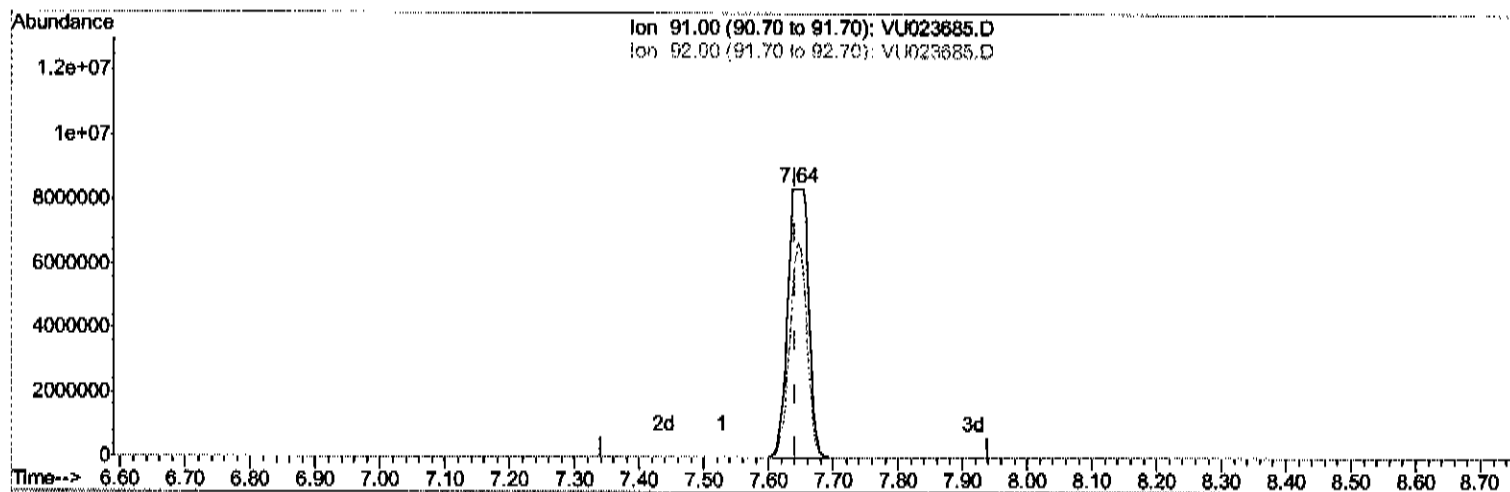
response 6178

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

Quantitation Report (Qedit)

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

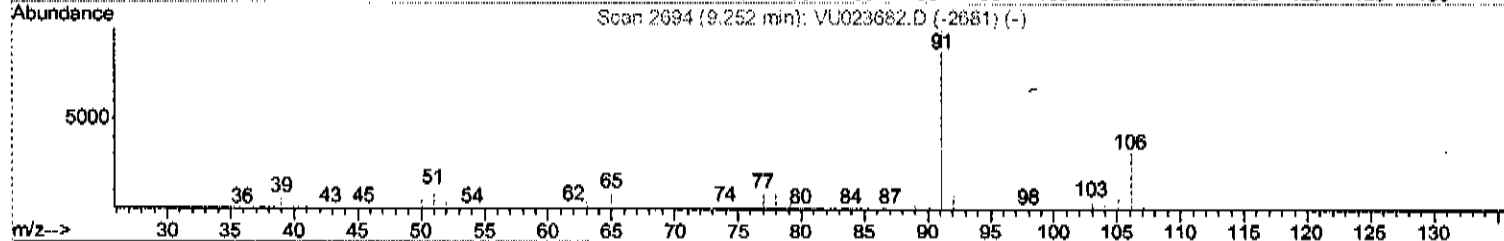
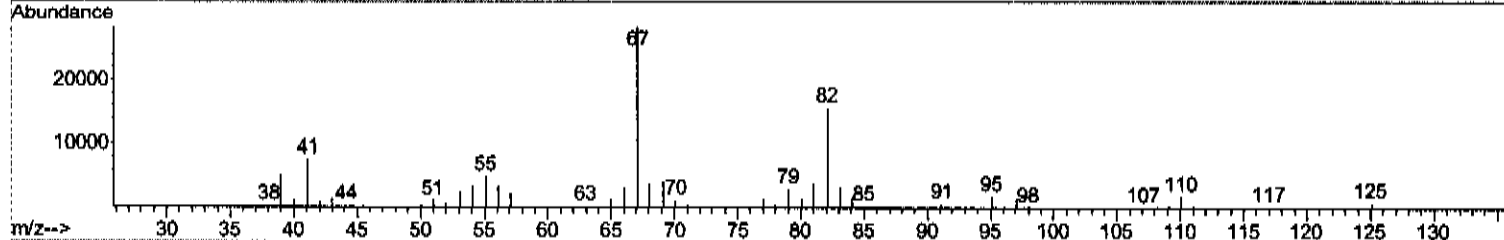
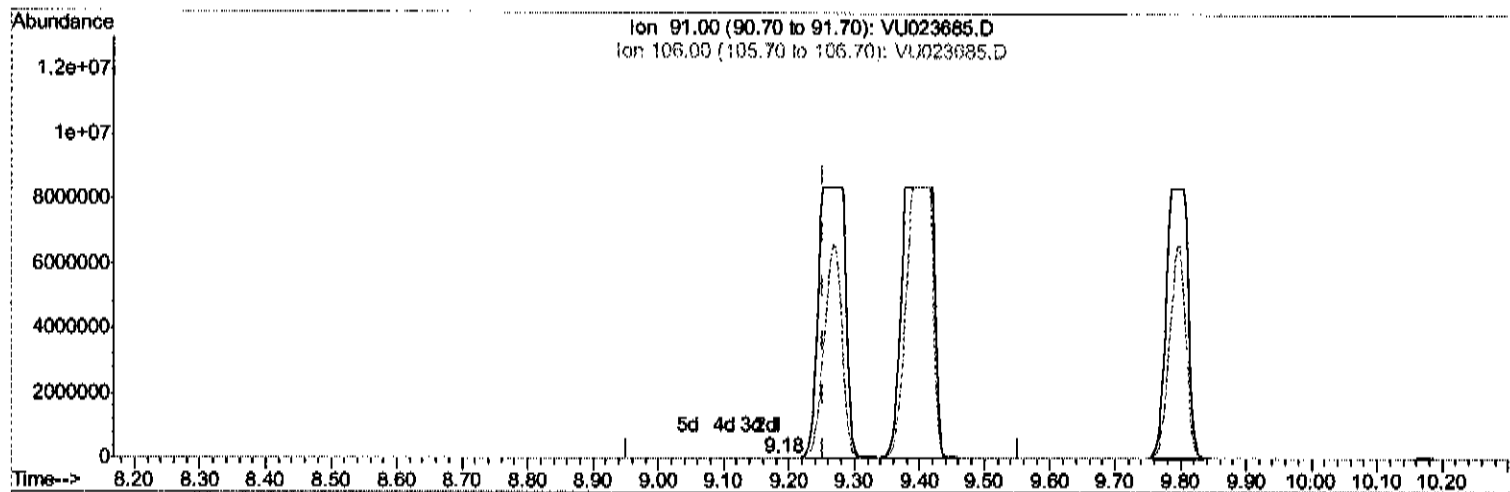
Ion	Exp%	Act%
91.00	100	100
92.00	57.60	62.26
0.00	0.00	0.00
0.00	0.00	0.00

MD
5/18/18

Quantitation Report (Qedit)

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

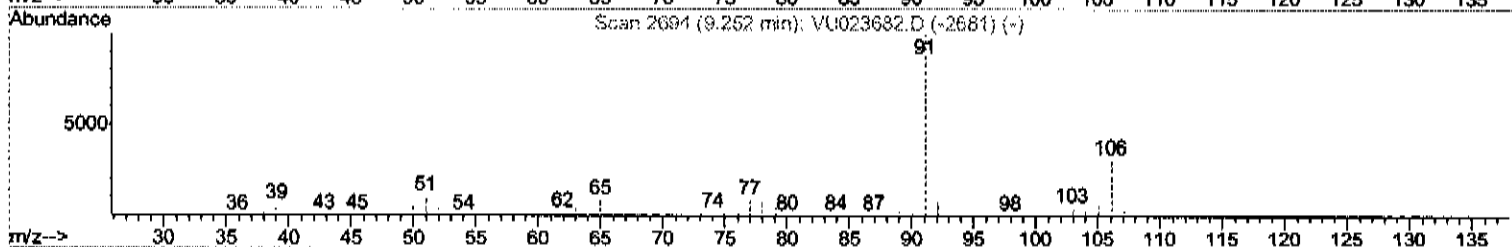
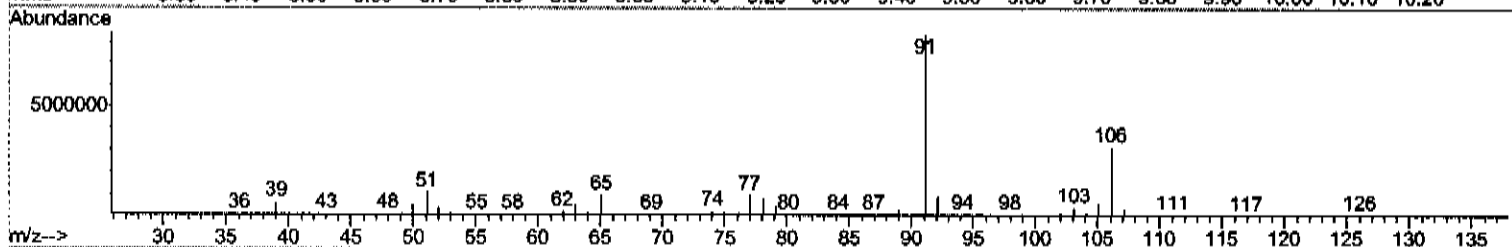
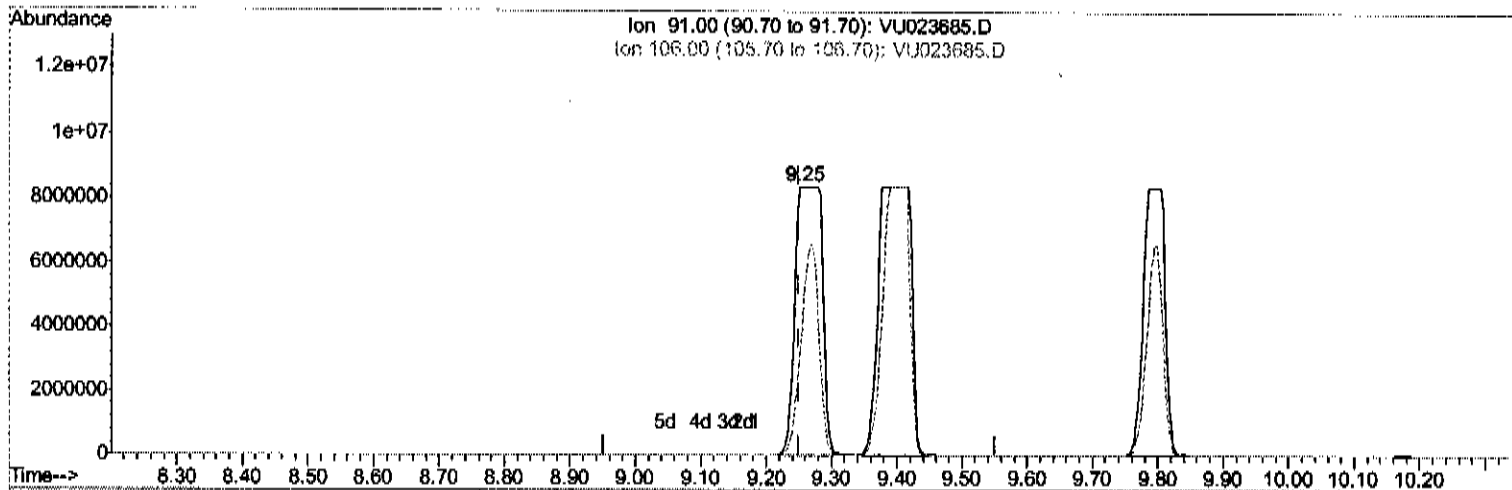
response 346

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

Quantitation Report (Qedit)

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

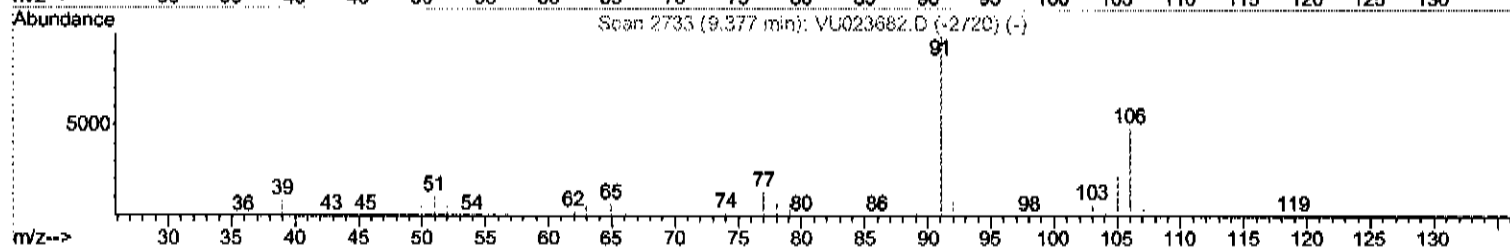
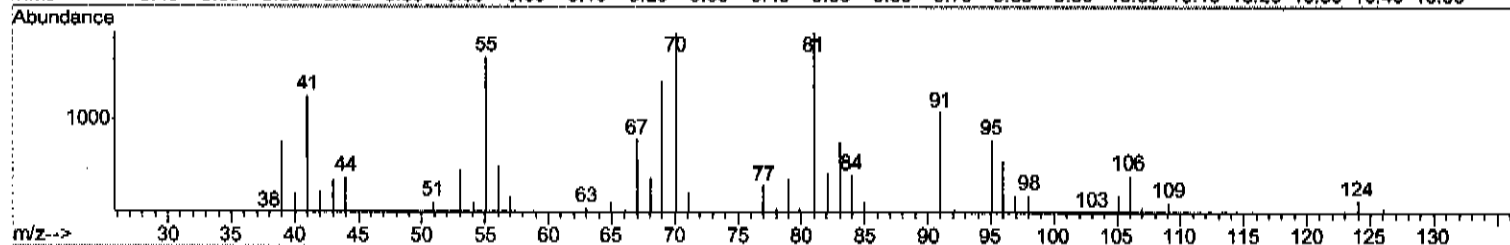
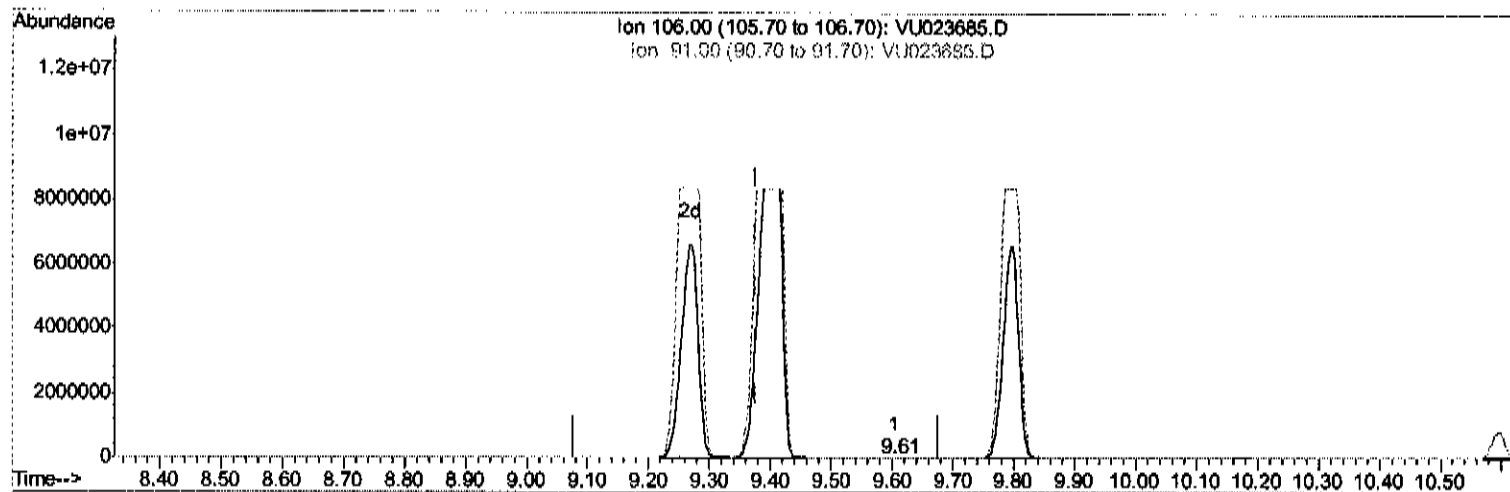
response 24017817

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

MD
5/18/18

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

9.606min (+0.228) 0.01ug/L

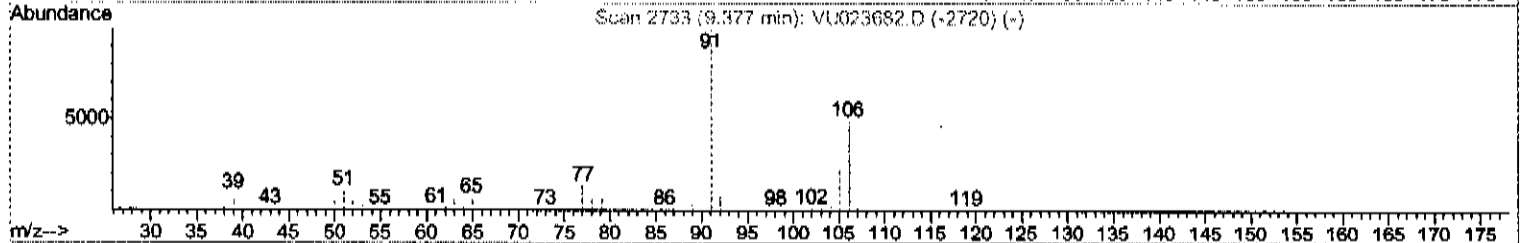
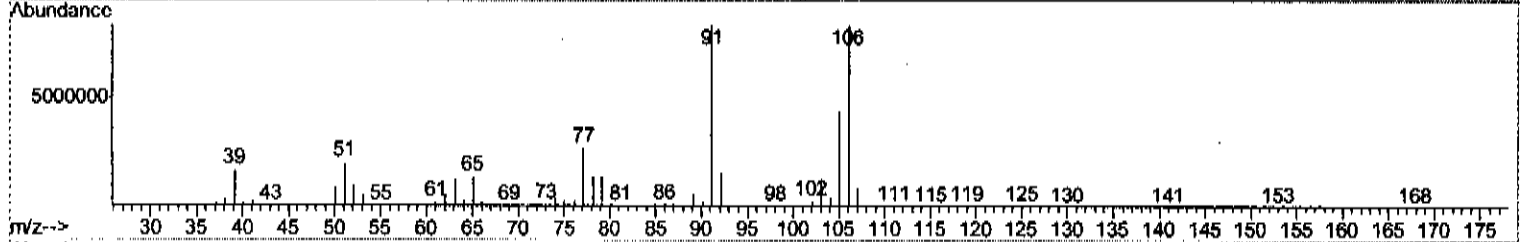
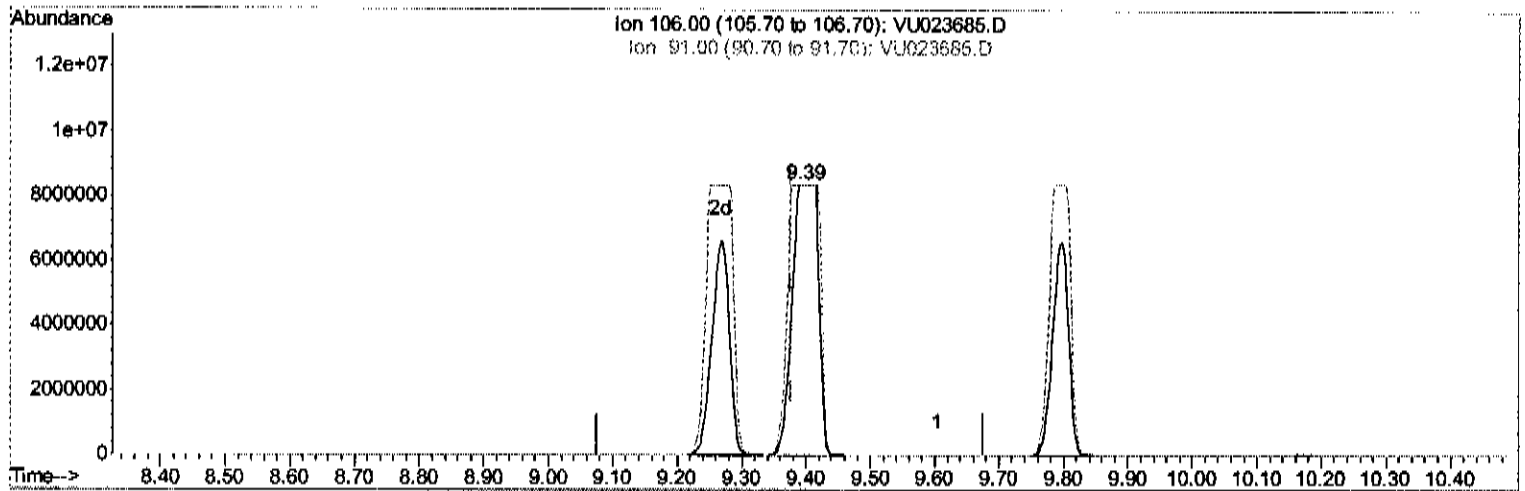
response 57

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

Quantitation Report (Qedit)

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

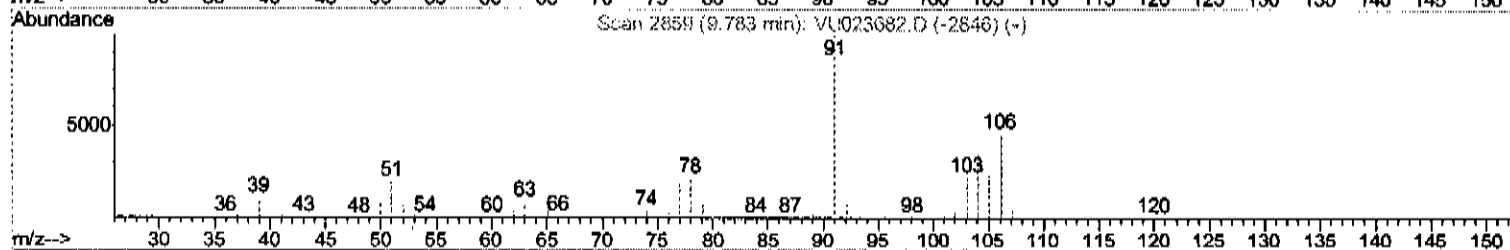
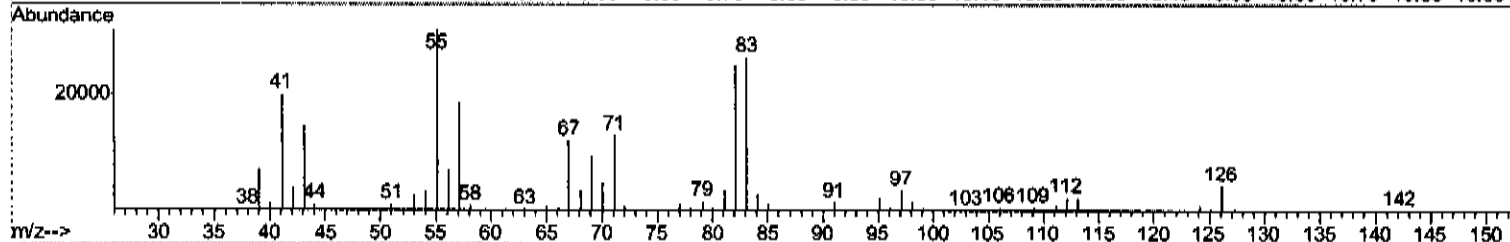
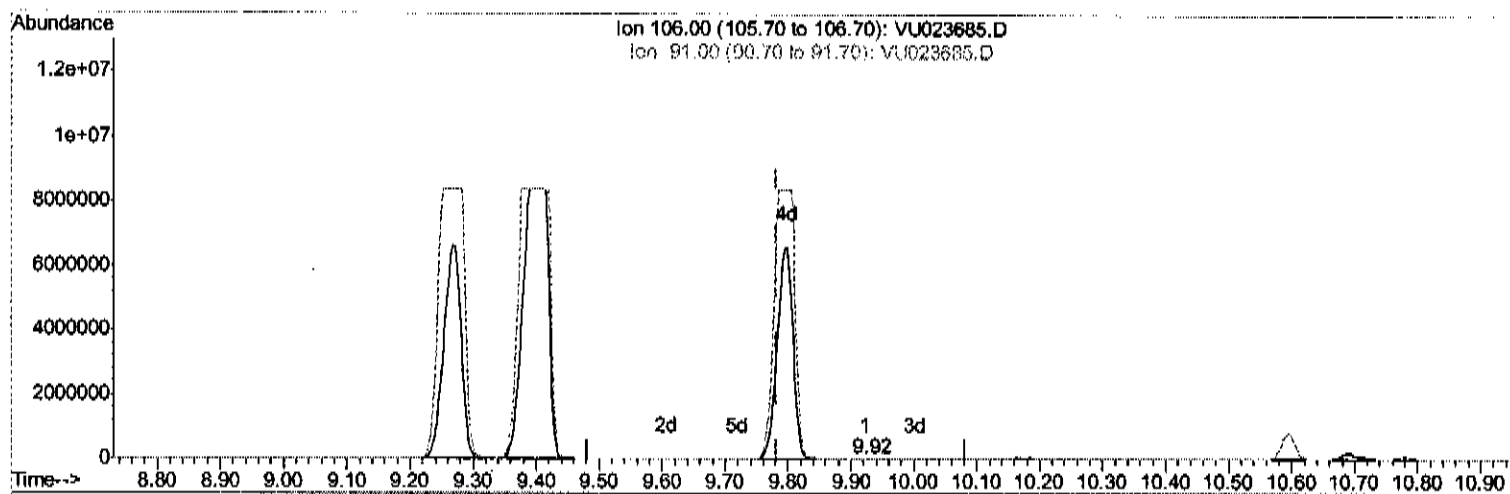
Ion	Exp%	Act%
106.00	100	100
91.00	205.80	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten: 7 MB
5/18/18

Quantitation Report (Qedit)

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

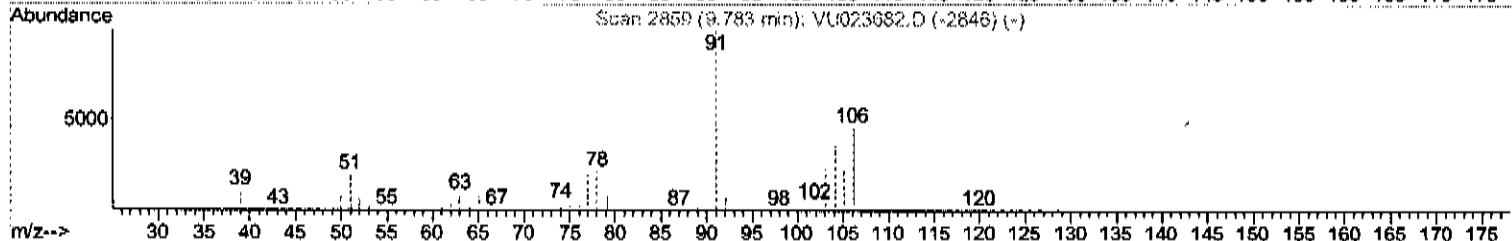
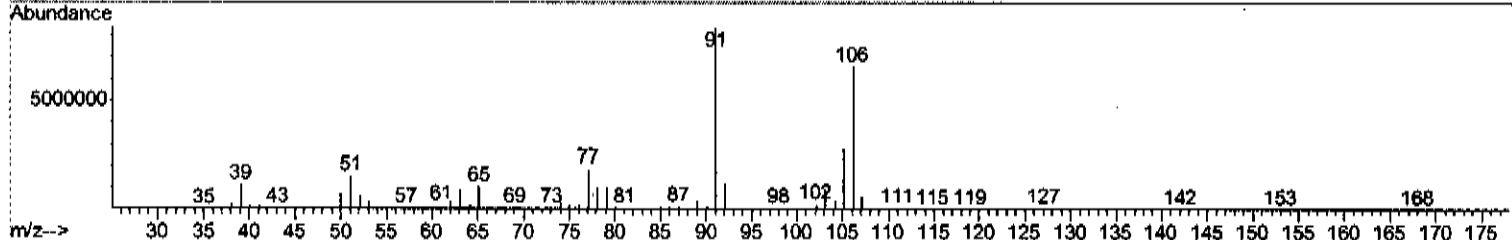
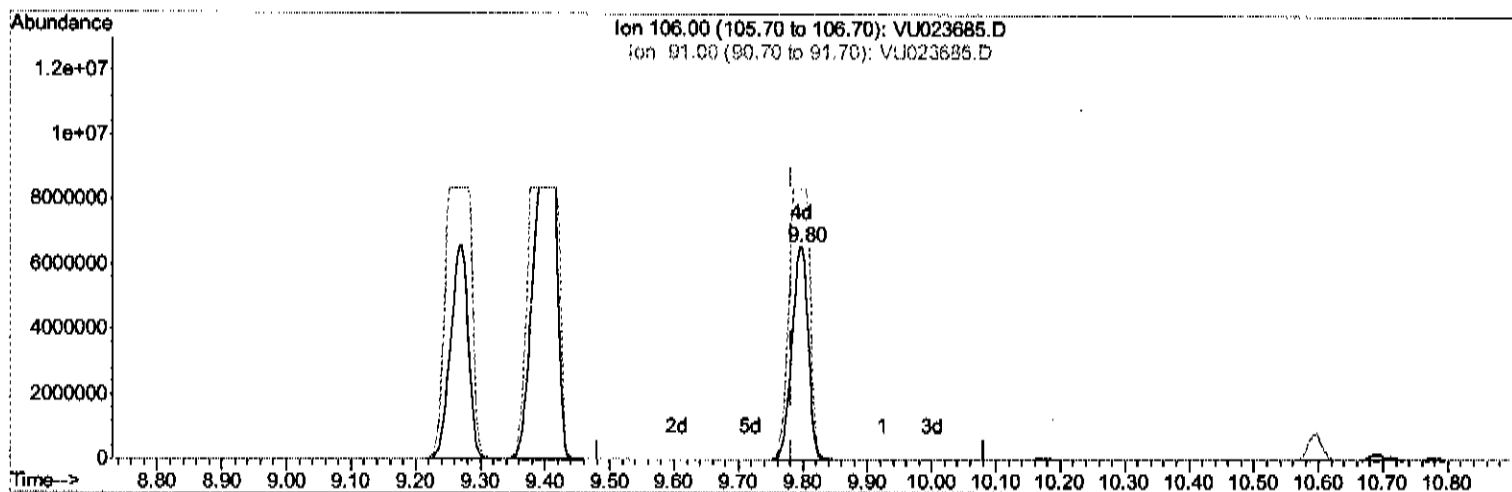
response 231

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

Quantitation Report (Qedit)

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

> MD
5/18/18

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

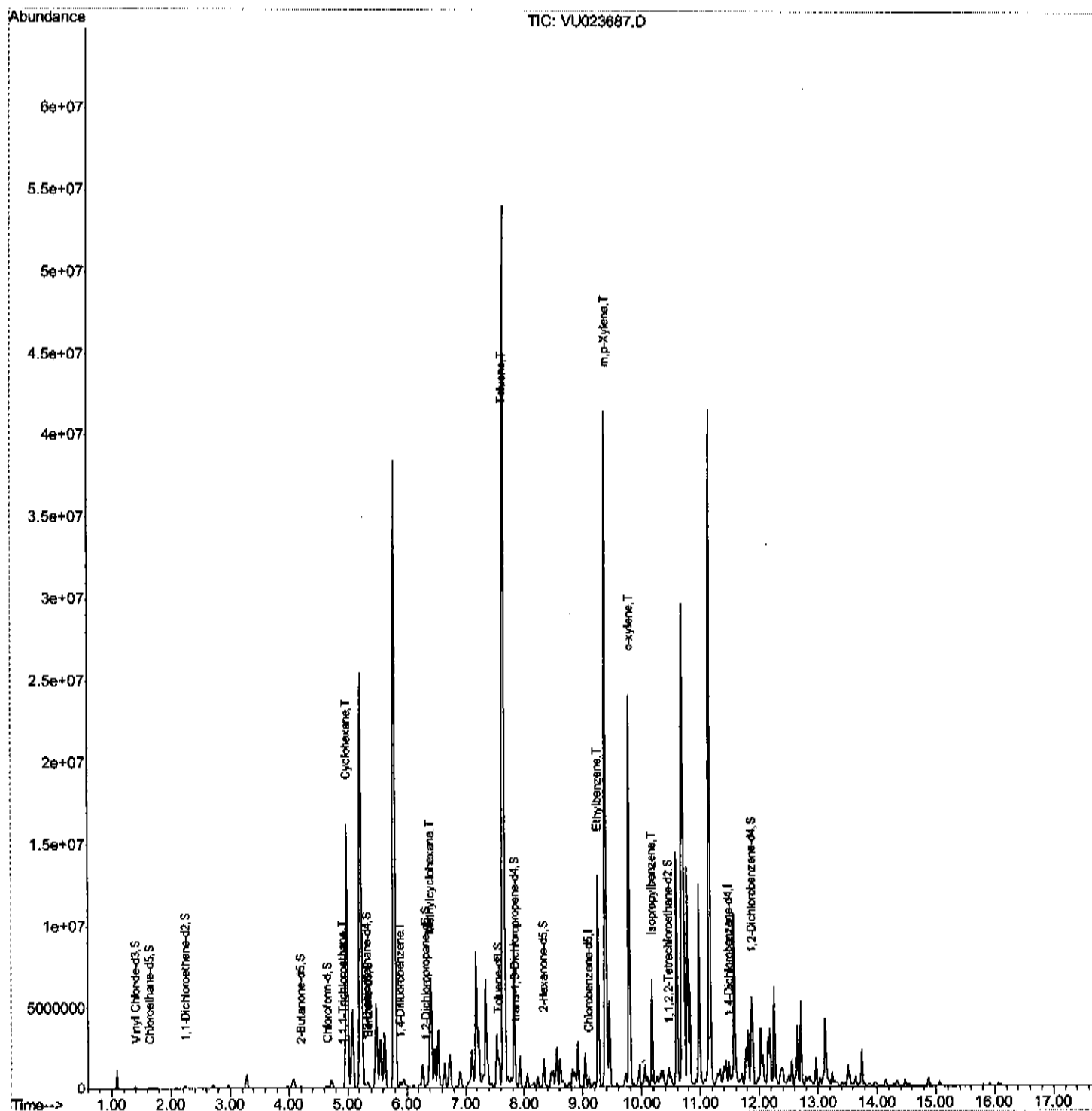
					Qvalue
25) Chloroform	4.67	83	12419	2.57	ug/L 91
29) Cyclohexane	4.98	56	179726	40.48	ug/L # 77
35) Methylcyclohexane	6.41	83	1365906	321.98	ug/L 97
42) Toluene	7.64	91	18765509m	1710.35	ug/L
46) Tetrachloroethene	8.23	164	7211	3.26	ug/L 94
52) Ethylbenzene	9.25	91	24017817m	2019.46	ug/L
53) m,p-Xylene	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

MD
5/18/18

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023687.D
Acq On : 06 May 2018 13:15
Operator : MD/SY
Sample : J2721-04
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

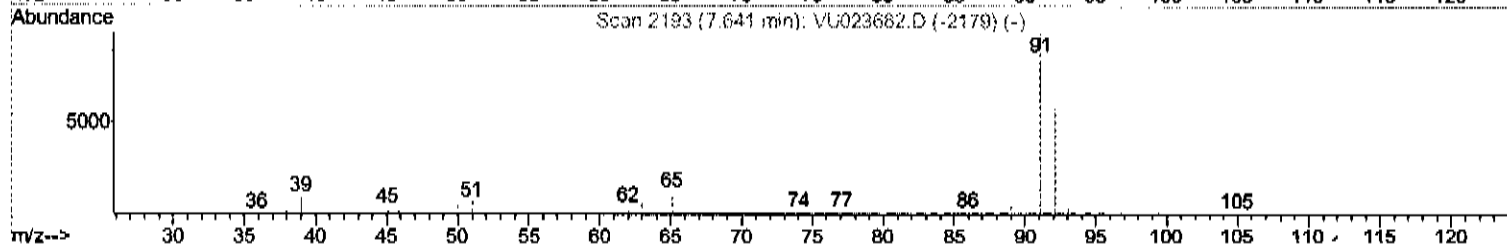
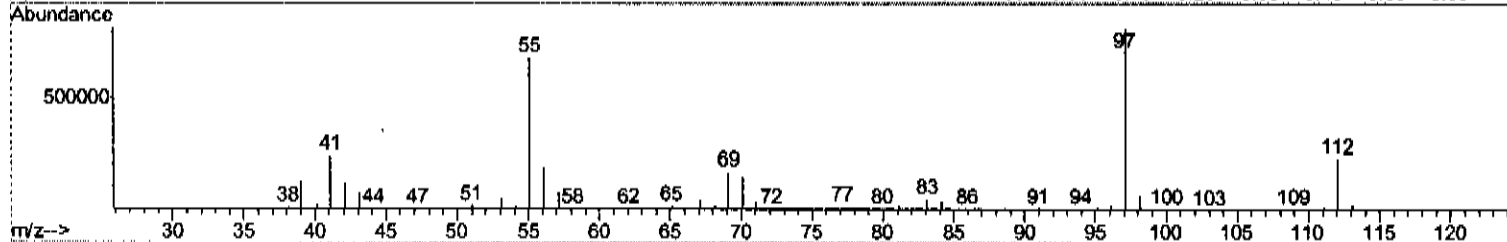
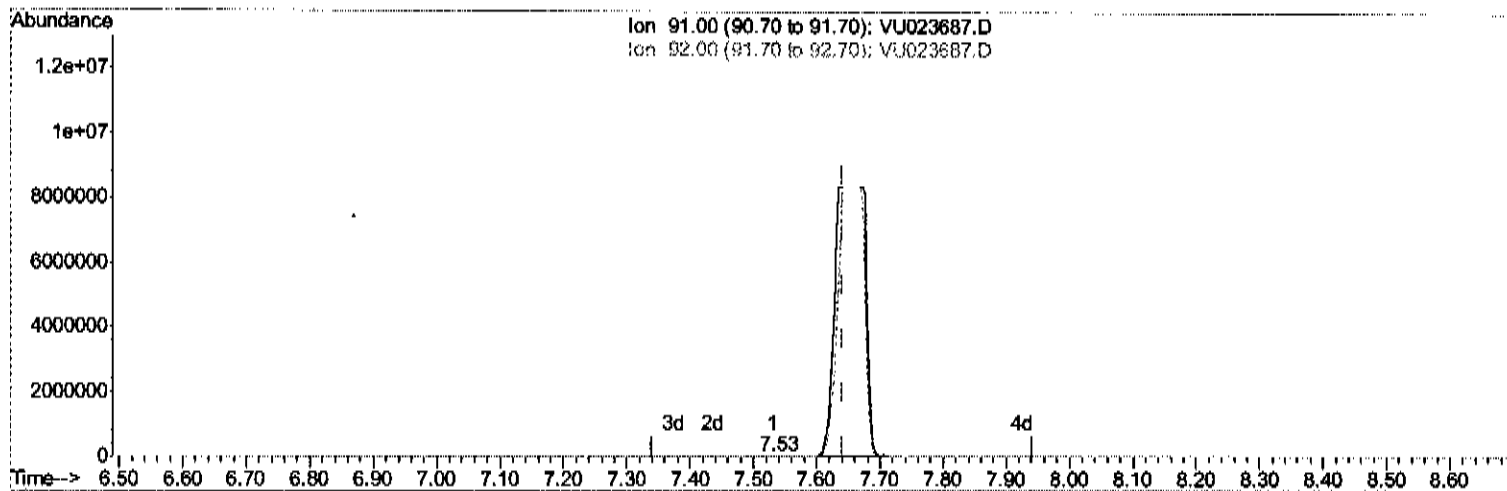
Quant Time: May 07 01:30:20 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023687.D
 Acq On : 06 May 2018 13:15
 Operator : MD/SY
 Sample : J2721-04
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 00:52:04 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: VU023687.D

(42) Toluene (T)

7.532min (-0.109) 0.58ug/L

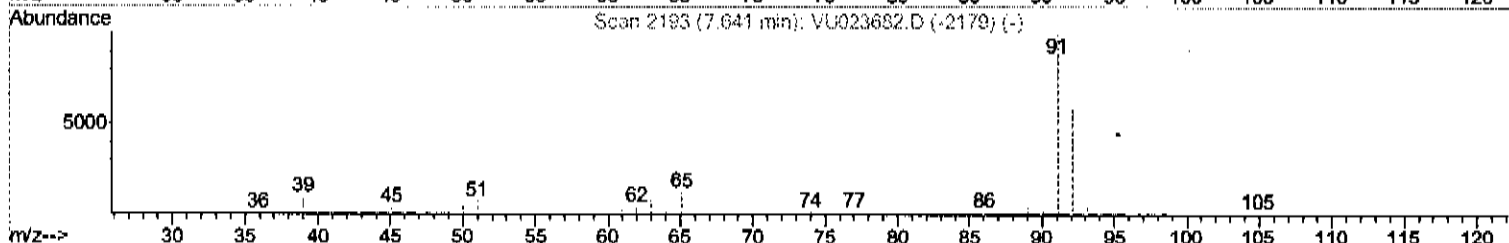
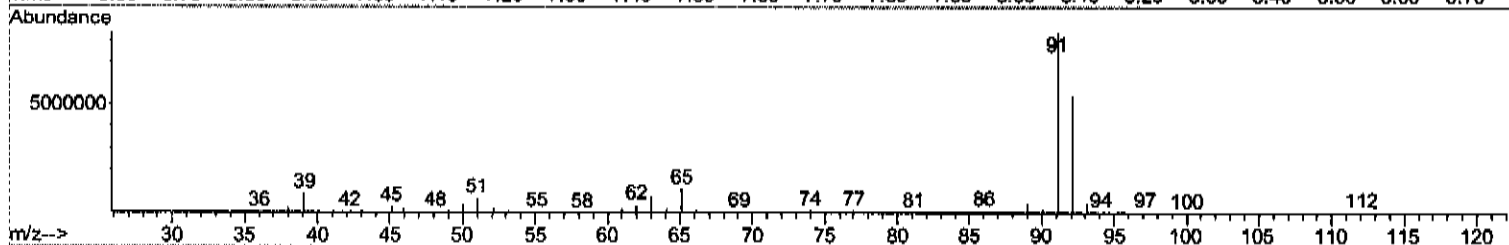
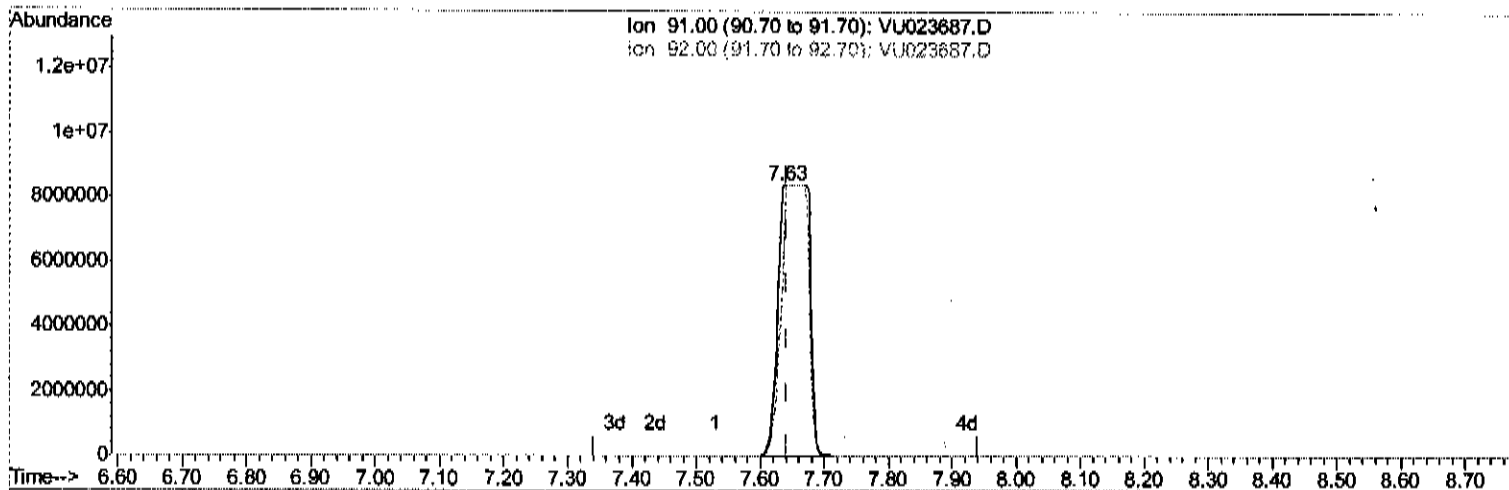
response 8555

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	10.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023687.D
 Acq On : 06 May 2018 13:15
 Operator : MD/SY
 Sample : J2721-04
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEQH
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 00:52:04 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: VU023687.D

(42) Toluene (T)

7.635min (-0.007) 1910.85ug/L m

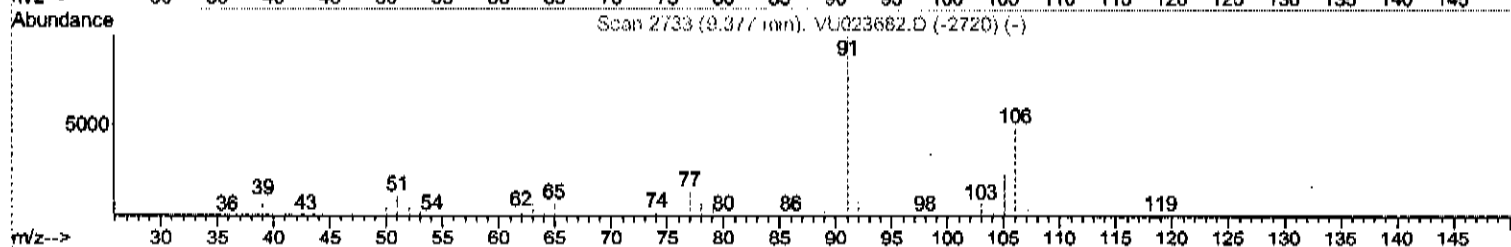
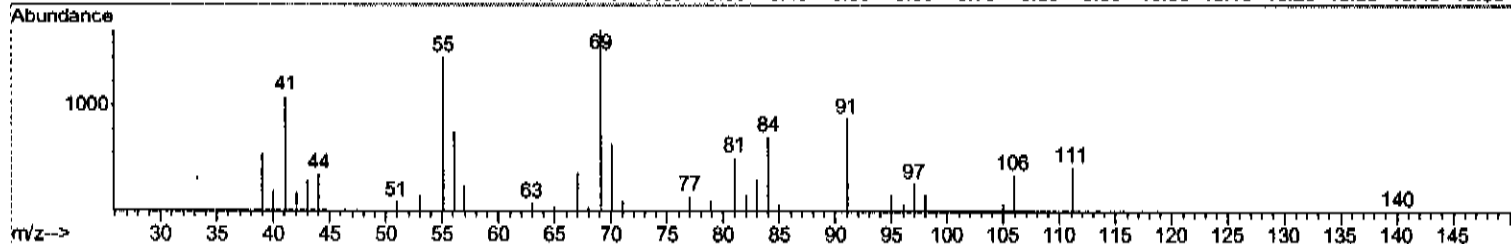
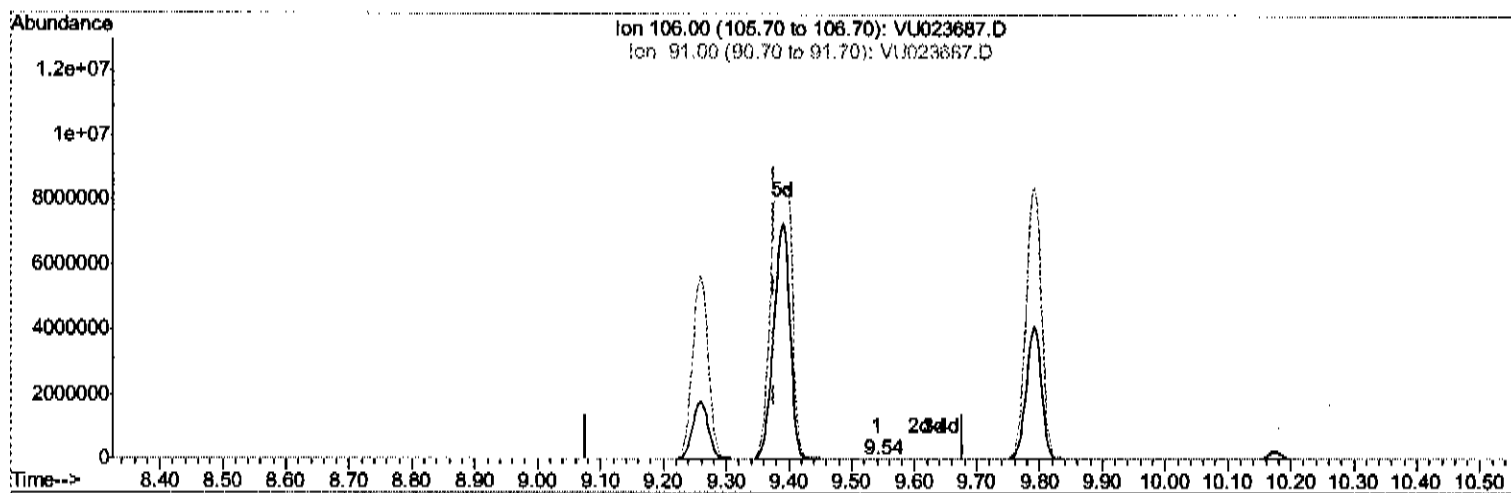
response 28126184

Ion	Exp%	Act%
91.00	100	100
92.00	57.60	64.31
0.00	0.00	0.00
0.00	0.00	0.00

MD
5/18/18

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023687.D
Acq On : 06 May 2018 13:15
Operator : MD/SY
Sample : J2721-04
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS vial : 7 Sample Multiplier: 1

Quant Time: May 07 00:52:04 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



TC: VU023687.D

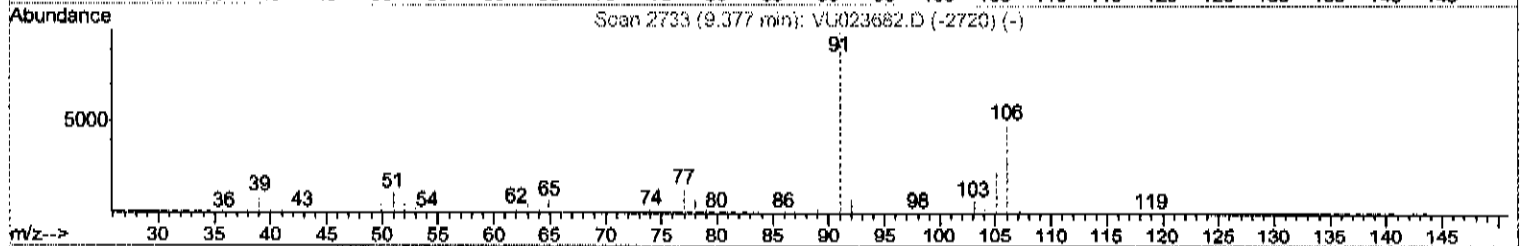
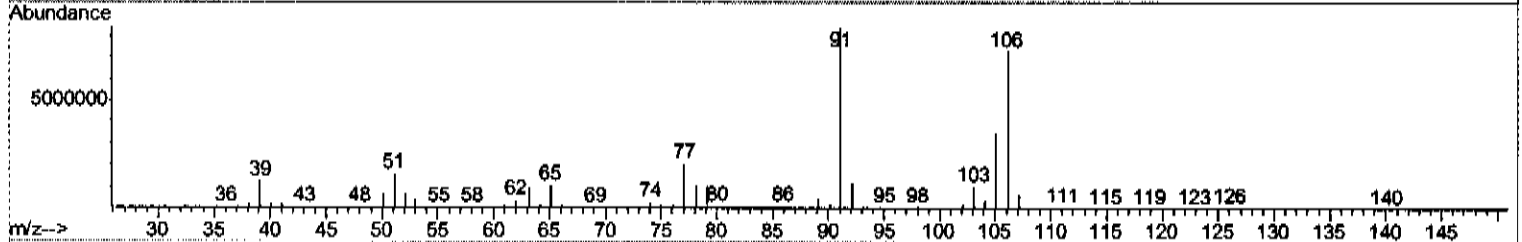
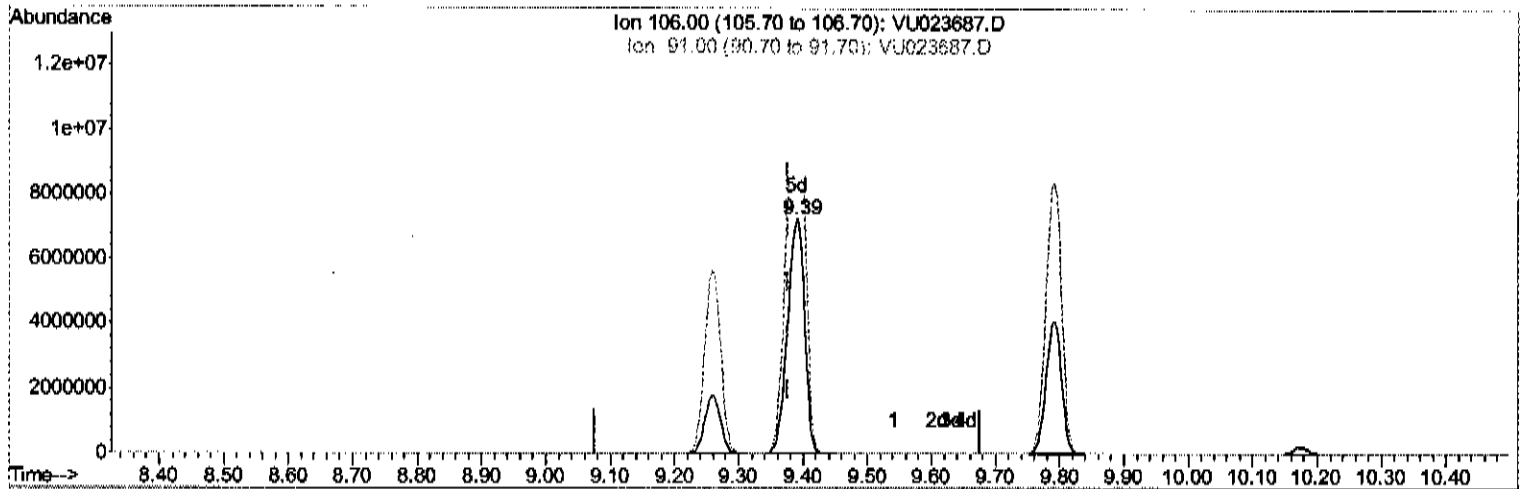
response 26

Ion	Exp%	Act%
106.00	100	100
91.00	205.80	214.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023687.D
 Acq On : 06 May 2018 13:15
 Operator : MD/SY
 Sample : J2721-04
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 00:52:04 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: VU023687.D

(53) m,p-Xylene (T)

9.390min (+0.013) 2199.87ug/L m

response 13387645

Ion	Exp%	Act%
106.00	100	100
91.00	205.80	115.23#
0.00	0.00	0.00
0.00	0.00	0.00

> MD
5/18/18

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023687.D
 Acq On : 06 May 2018 13:15
 Operator : MD/SY
 Sample : J2721-04
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 01:30:20 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	400251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	402999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	221766	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109976	38.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.54%		
7) Chloroethane-d5	1.64	69	56147	25.97	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.94%#		
11) 1,1-Dichloroethene-d2	2.24	63	151284	27.35	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.70%#		
21) 2-Butanone-d5	4.19	46	197215	100.62	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.62%		
24) Chloroform-d	4.65	84	186426	39.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.48%		
26) 1,2-Dichloroethane-d4	5.31	65	128645	39.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.86%		
32) Benzene-d6	5.34	84	418996	38.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.50%		
36) 1,2-Dichloropropane-d6	6.33	67	140518	38.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.60%		
41) Toluene-d8	7.57	98	456901	45.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.68%		
43) trans-1,3-Dichloropropene-	7.86	79	64441	41.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.66%		
47) 2-Hexanone-d5	8.33	63	164949	119.93	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	119.93%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	222137	47.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.84%		
64) 1,2-Dichlorobenzene-d4	11.87	152	185694	42.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.84%		

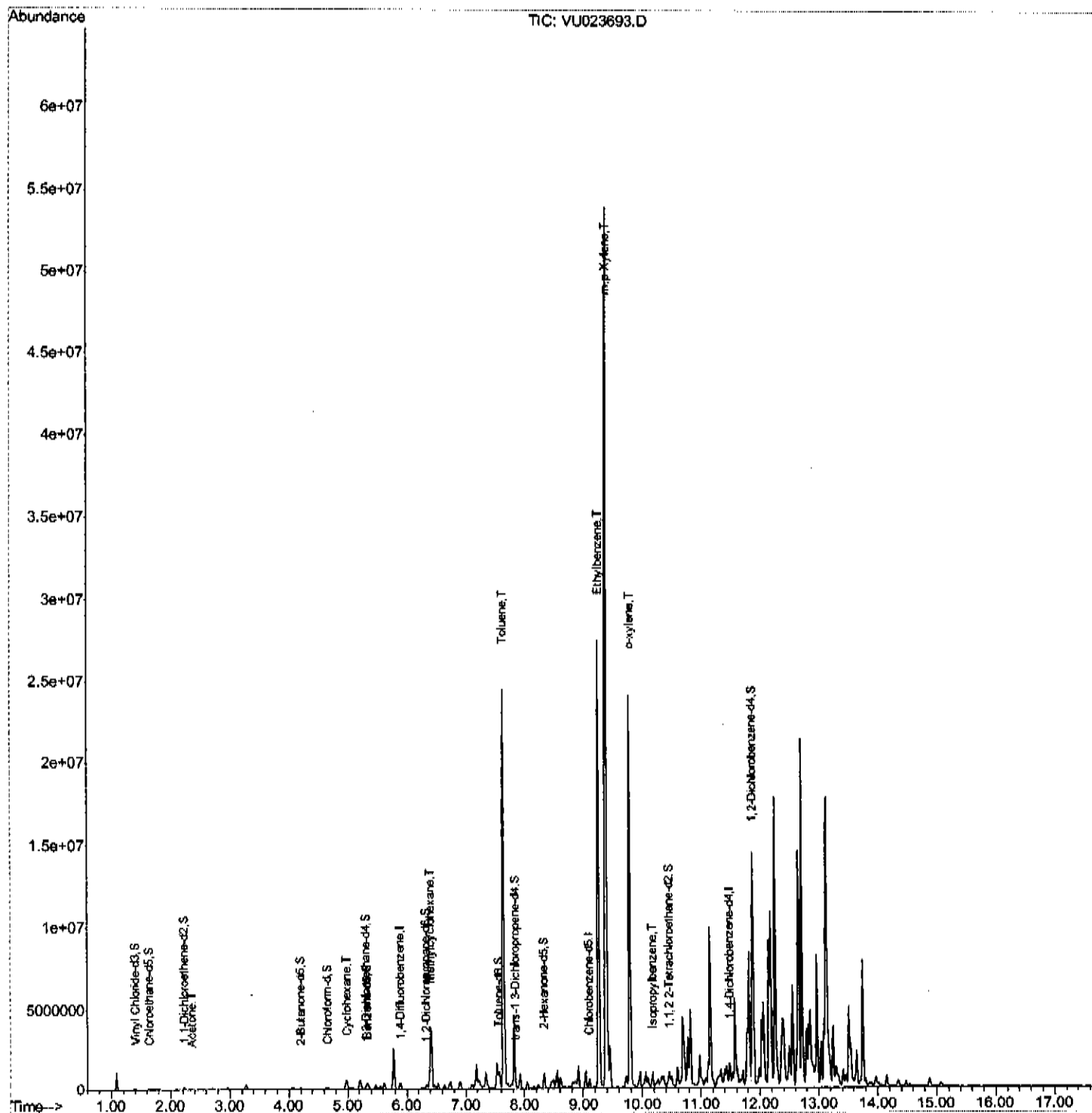
Target Compounds

					Qvalue	
29) Cyclohexane	4.99	56	3306480	555.14	ug/L	# 55
30) 1,1,1-Trichloroethane	4.91	97	15518	3.04	ug/L	100
35) Methylcyclohexane	6.42	83	2973201	522.42	ug/L	91
42) Toluene	7.63	91	28126184m	1910.85	ug/L	} 98 MD 5/18/18
52) Ethylbenzene	9.26	91	9876735	619.02	ug/L	
53) m,p-Xylene	9.39	106	13387645m	2199.87	ug/L	
54) o-xylene	9.79	106	6870403	1191.59	ug/L	
56) Isopropylbenzene	10.17	105	4400216	290.78	ug/L	99

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

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

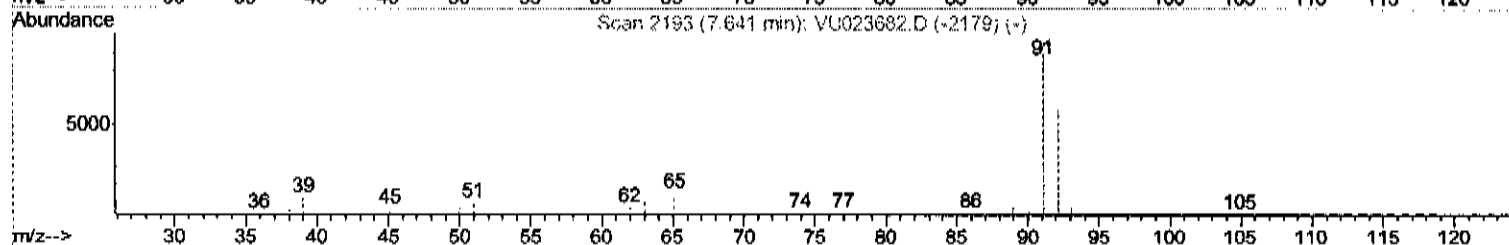
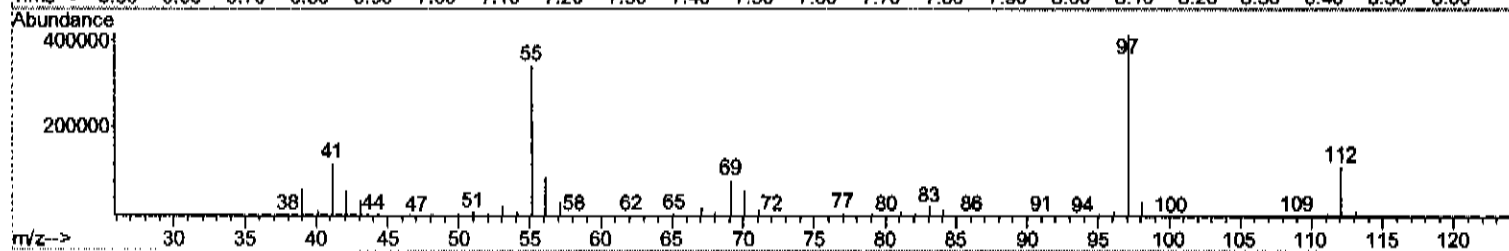
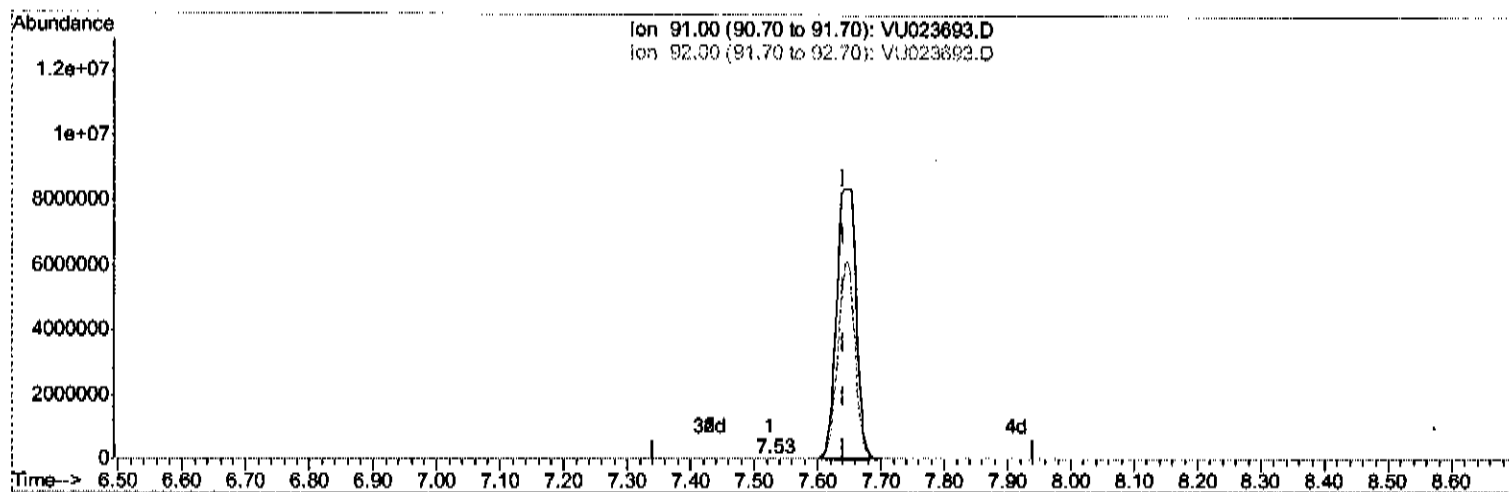
Quant Time: May 07 02:04:17 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

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

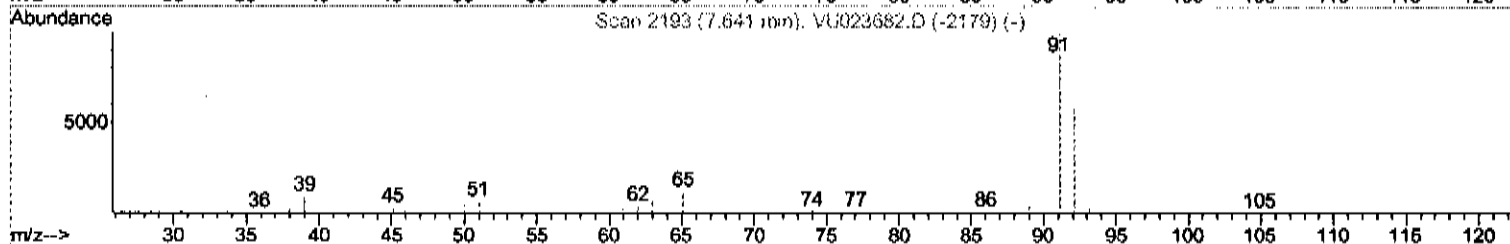
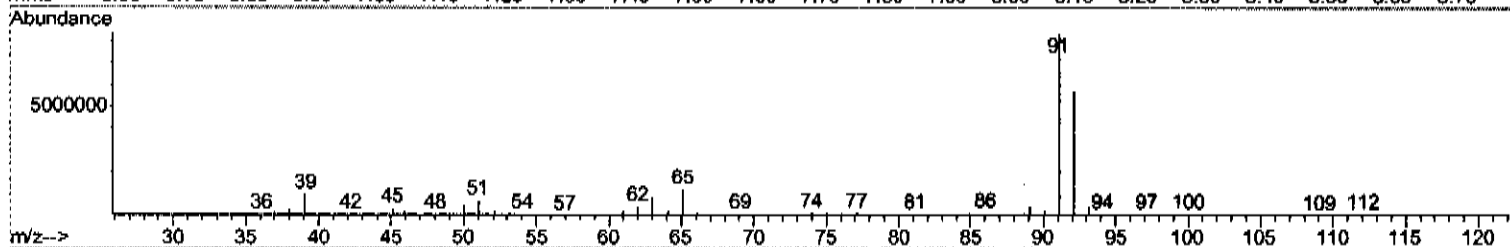
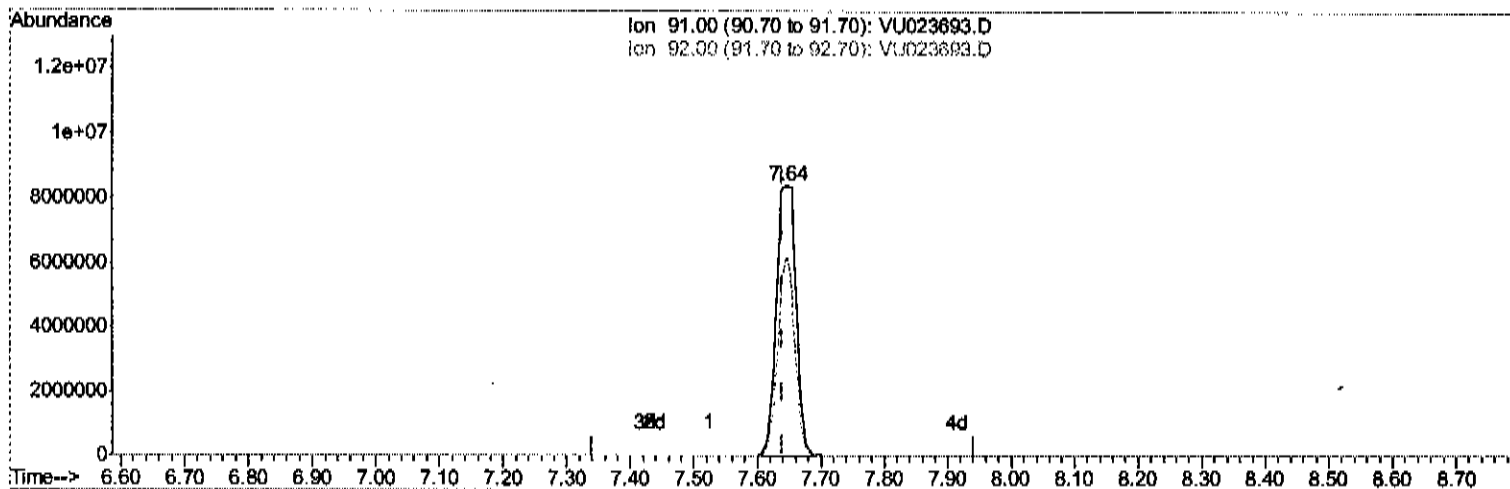
response 4589

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

Quantitation Report (Qedit)

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/MEQH
 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)

7.641min (-0.000) 1242.91ug/L m

response 18319699

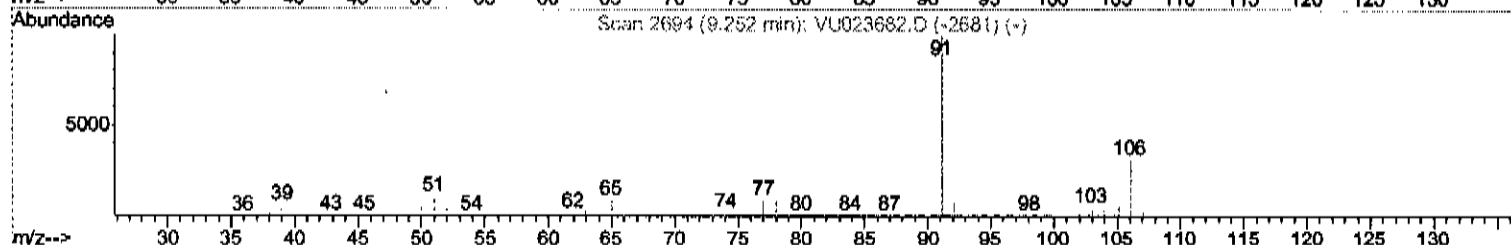
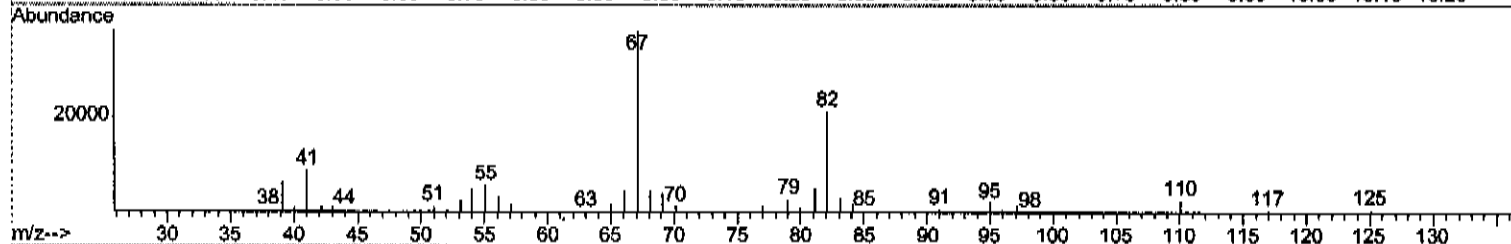
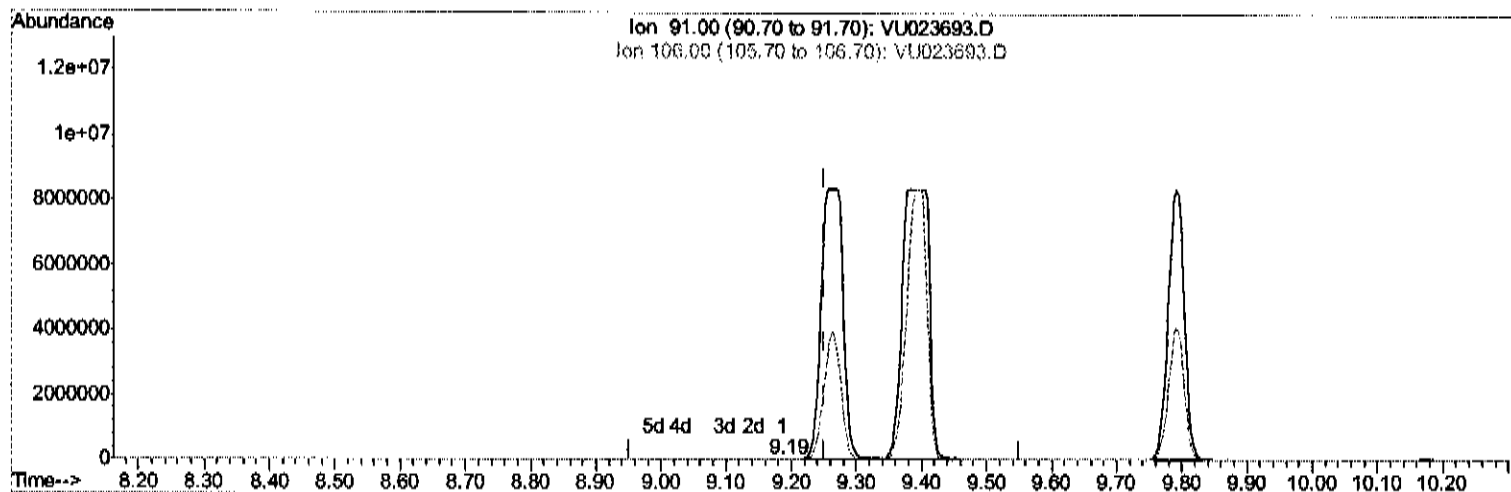
Ion	Exp%	Act%
91.00	100	100
92.00	57.60	68.03
0.00	0.00	0.00
0.00	0.00	0.00

> MD
5/18/18

Quantitation Report (Qedit)

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

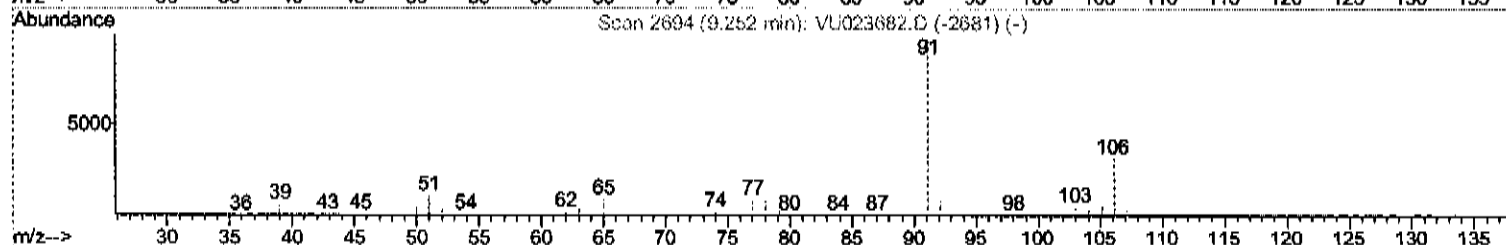
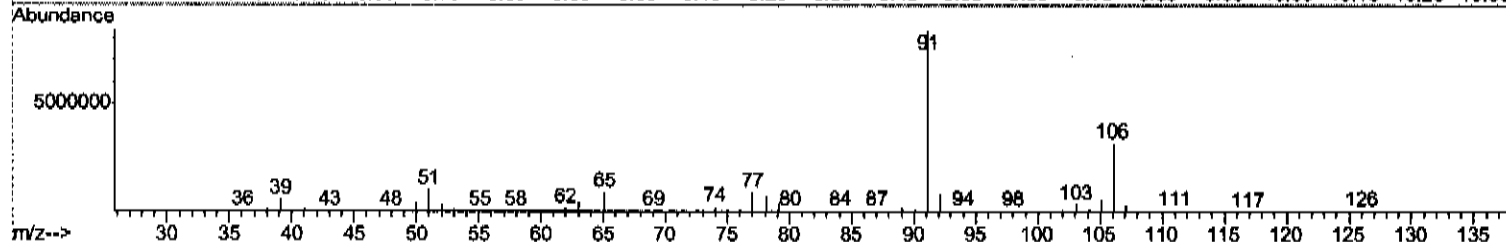
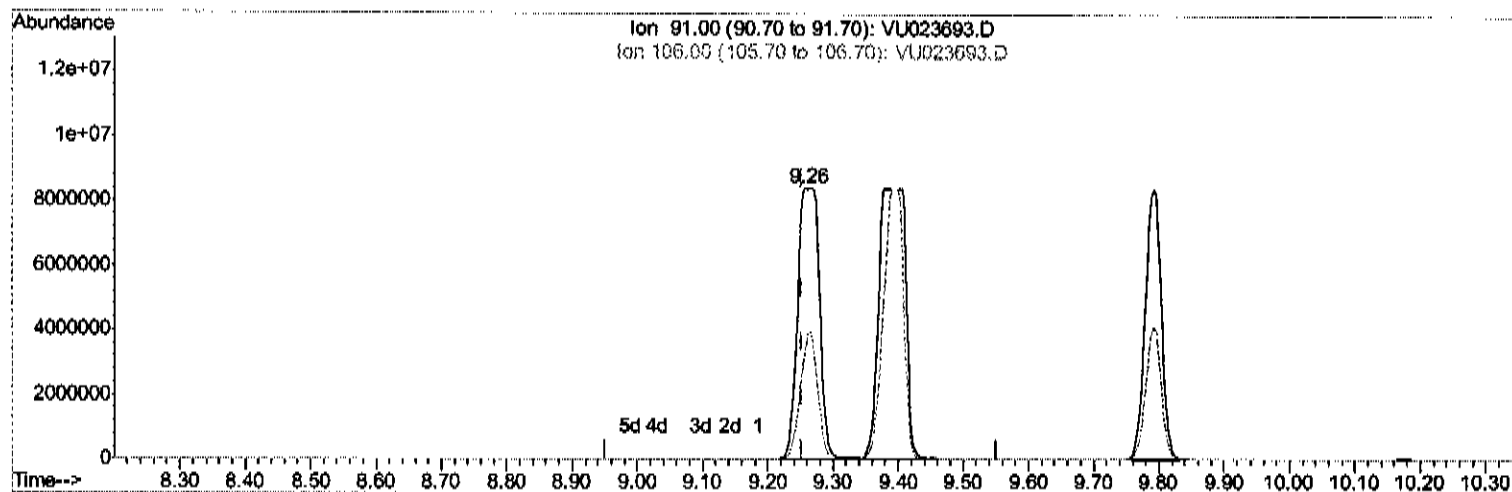
response 776

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

Quantitation Report (Qedit)

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

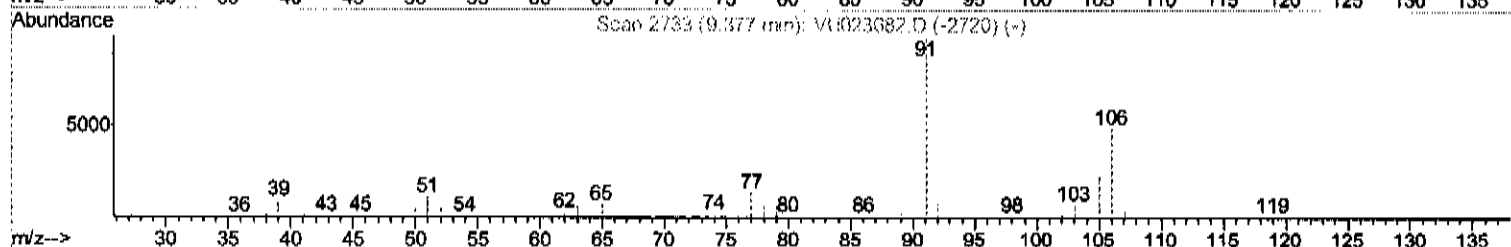
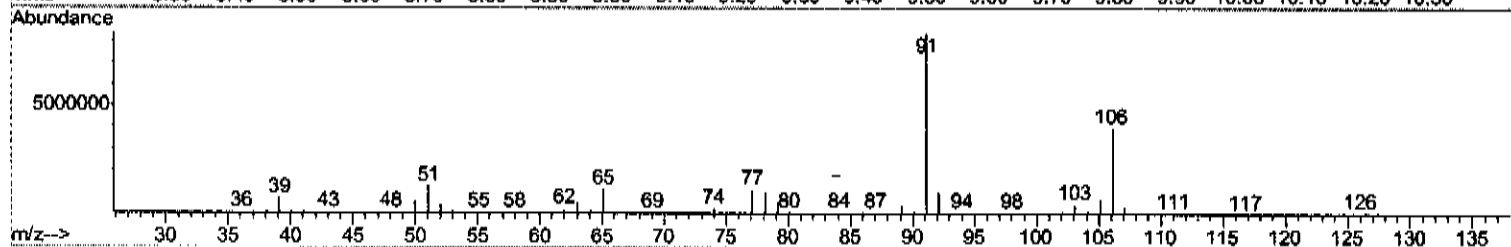
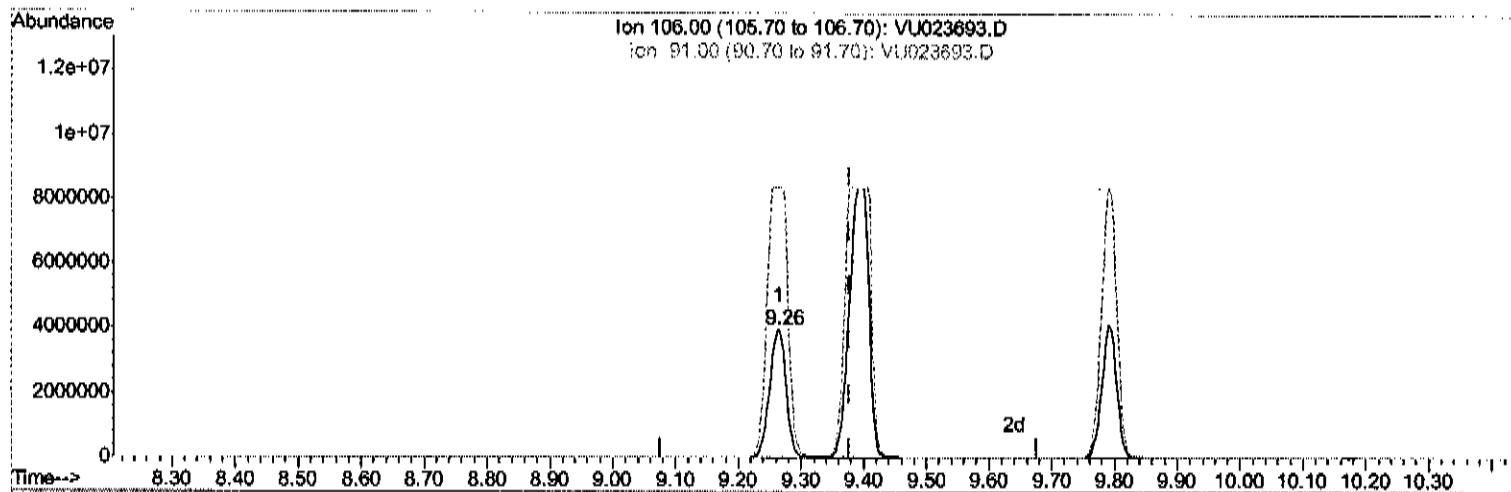
response 19439813

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

Quantitation Report (Qedit)

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

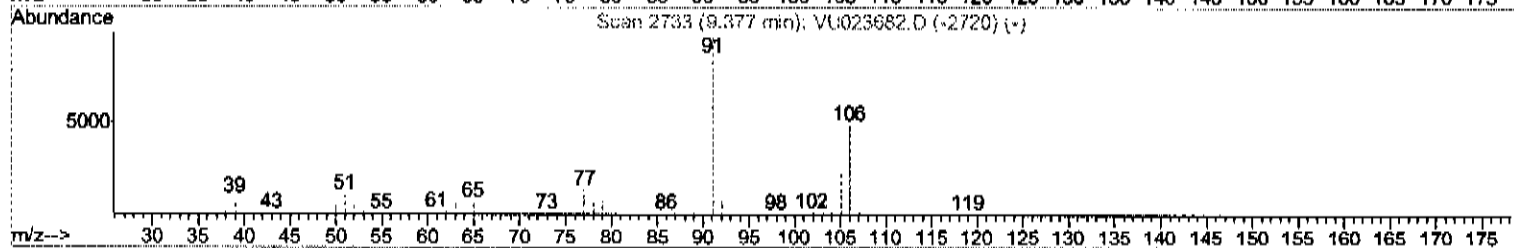
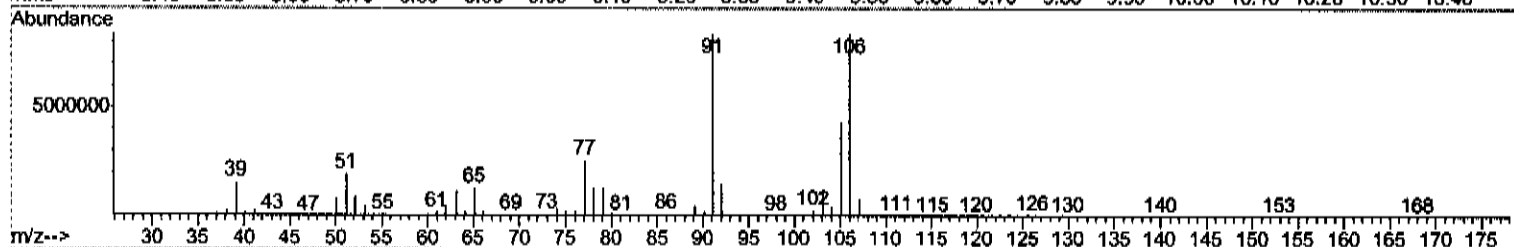
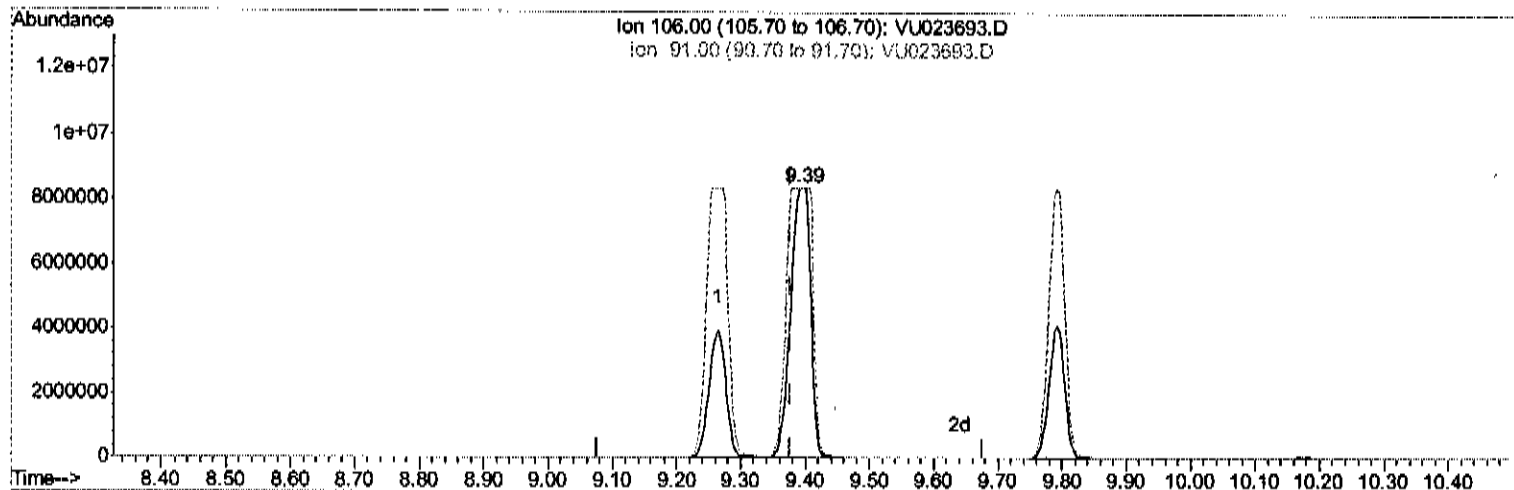
response 7275852

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

Quantitation Report (Qedit)

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



(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

> MD
5/18/18

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