Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023686.D
Acq On : 06 May 2018 12:49
Operator : MD/SY
Sample : J2721-18
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:17:06 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

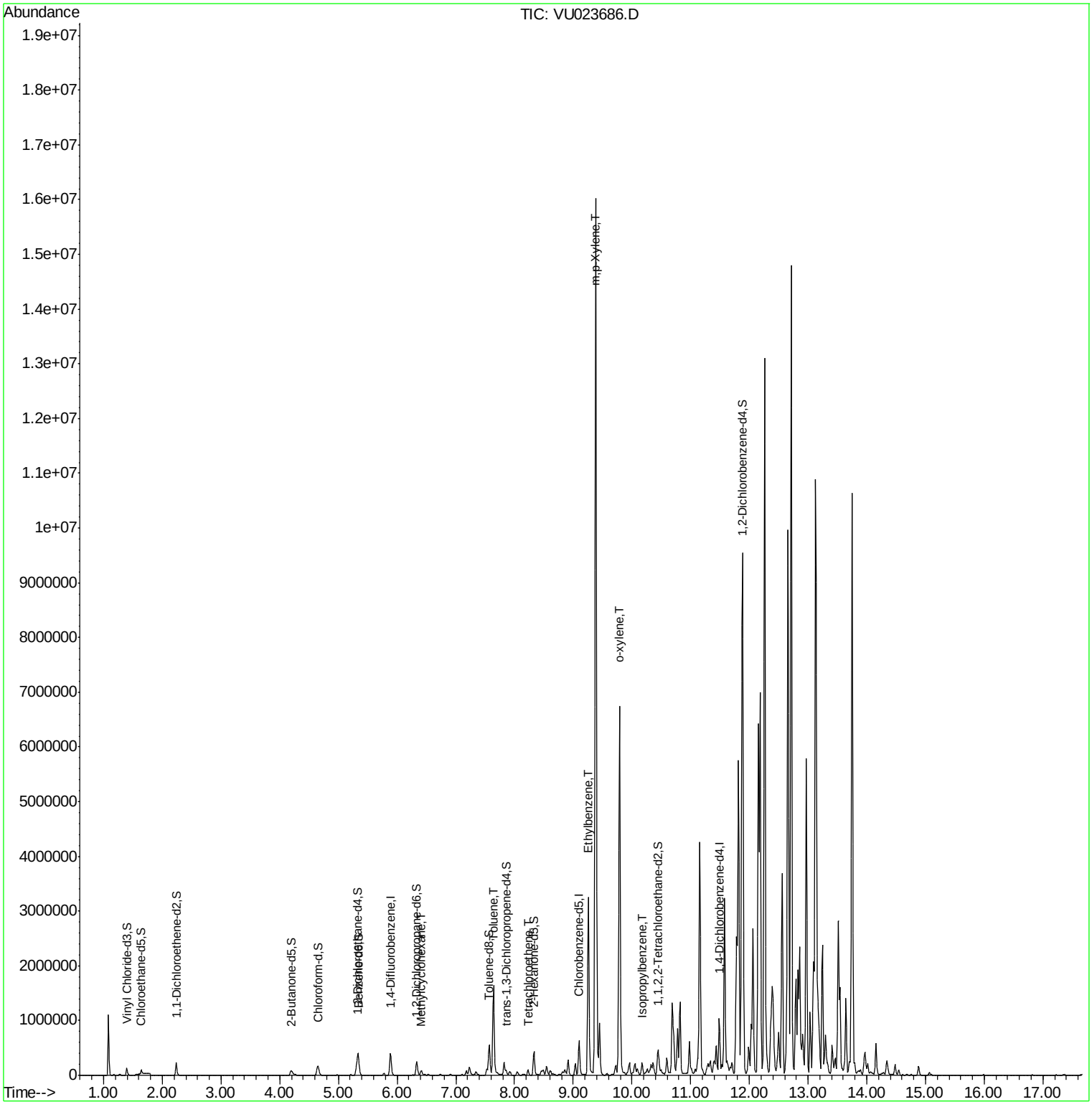
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	376392	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	391594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	213353	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	102391	38.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.76%			
7) Chloroethane-d5	1.64	69	52203	25.67	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 51.34%#			
11) 1,1-Dichloroethene-d2	2.24	63	137101	26.36	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.72%#			
21) 2-Butanone-d5	4.19	46	174944	94.92	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.92%			
24) Chloroform-d	4.65	84	177993	40.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.70%			
26) 1,2-Dichloroethane-d4	5.31	65	125066	40.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.52%			
32) Benzene-d6	5.34	84	399714	38.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.08%			
36) 1,2-Dichloropropane-d6	6.33	67	135035	38.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.74%			
41) Toluene-d8	7.57	98	388961	40.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.32%			
43) trans-1,3-Dichloropropene-	7.86	79	57917	38.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.46%			
47) 2-Hexanone-d5	8.33	63	138322	103.50	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.50%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	195961	43.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.10%			
64) 1,2-Dichlorobenzene-d4	11.87	152	172614	41.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.94%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.41	83	34849	6.30	ug/L	98
42) Toluene	7.64	91	1333352	93.22	ug/L	99
46) Tetrachloroethene	8.23	164	15479	5.37	ug/L	98
52) Ethylbenzene	9.26	91	2501983	161.38	ug/L	99
53) m,p-Xylene	9.38	106	4817552	814.68	ug/L	96
54) o-xylene	9.79	106	1882459	336.00	ug/L	99
56) Isopropylbenzene	10.17	105	136184	9.26	ug/L	99

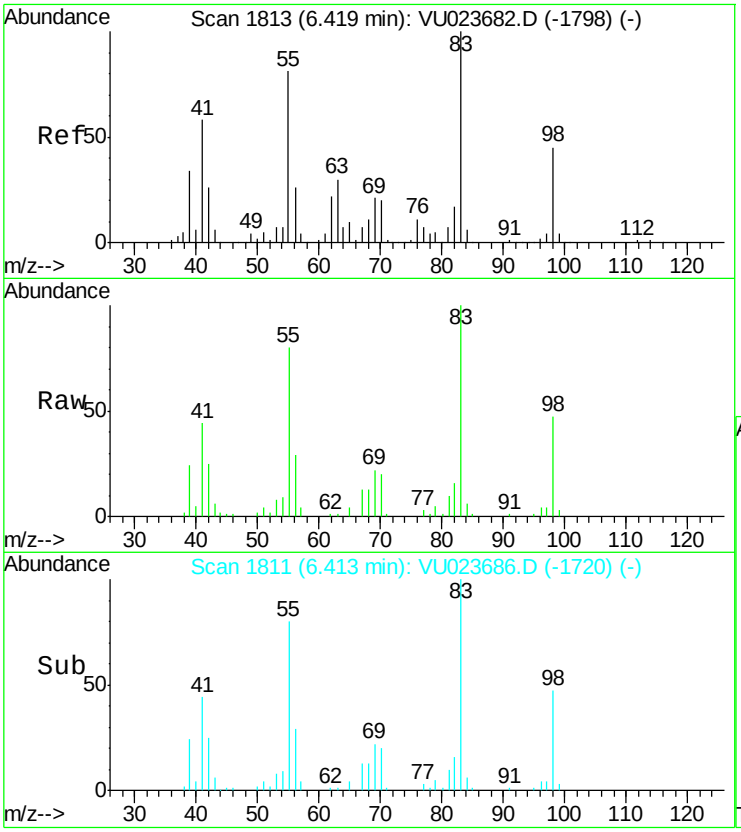
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023686.D
Acq On : 06 May 2018 12:49
Operator : MD/SY
Sample : J2721-18
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:17:06 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

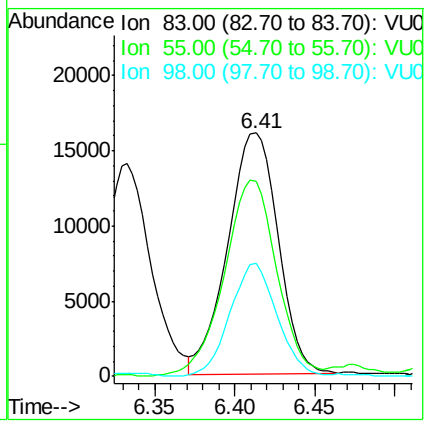


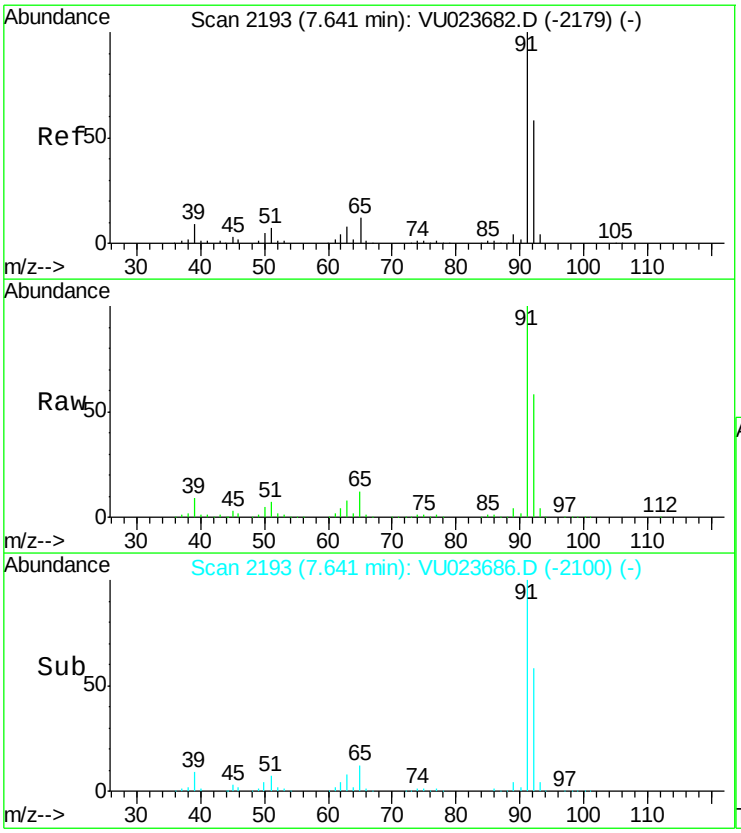


#35
Methylcyclohexane
Concen: 6.30 ug/L
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion: 83 Resp: 34849

Ion	Ratio	Lower	Upper
83	100		
55	84.5	66.7	100.1
98	43.3	36.6	54.8

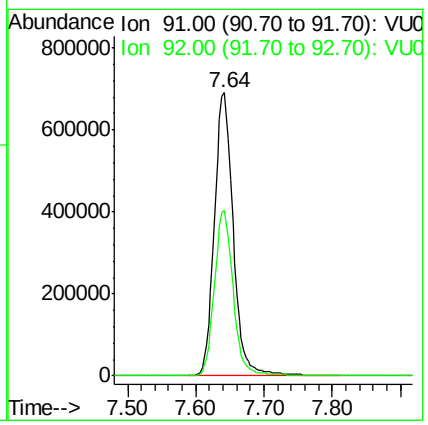


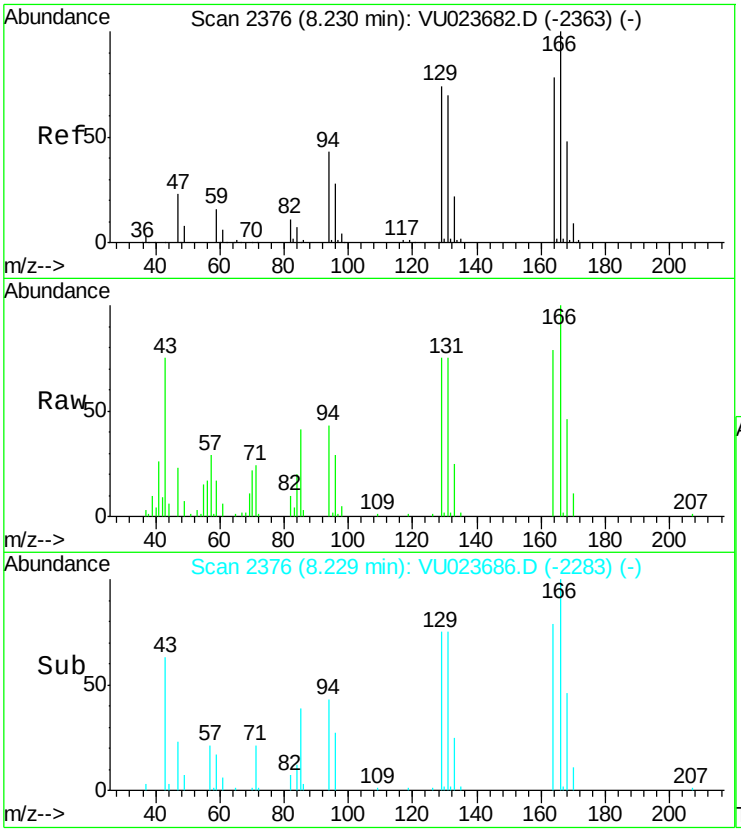


#42
Toluene
Concen: 93.22 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion: 91 Resp: 1333352

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.3	74.9

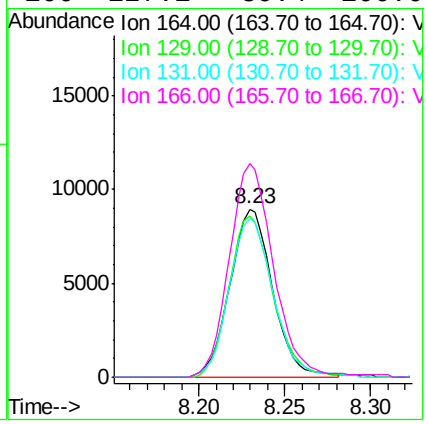


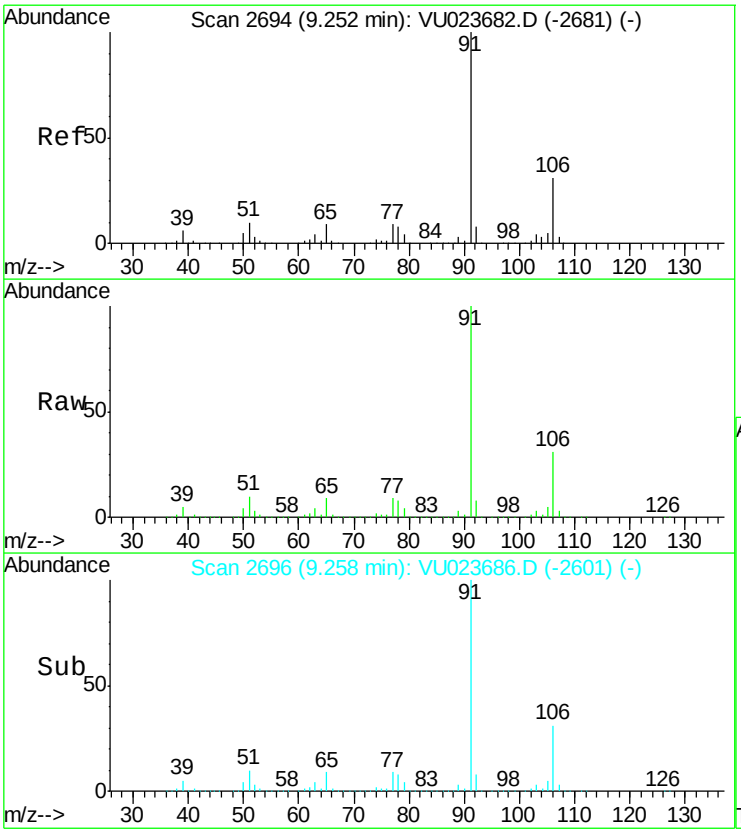


#46
Tetrachloroethene
Concen: 5.37 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion:164 Resp: 15479

Ion	Ratio	Lower	Upper
164	100		
129	95.6	64.2	119.2
131	94.7	64.1	119.1
166	127.1	89.4	166.0

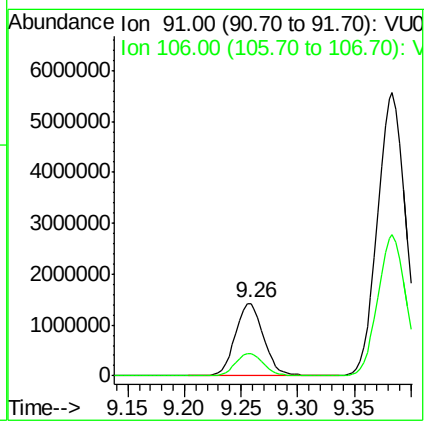


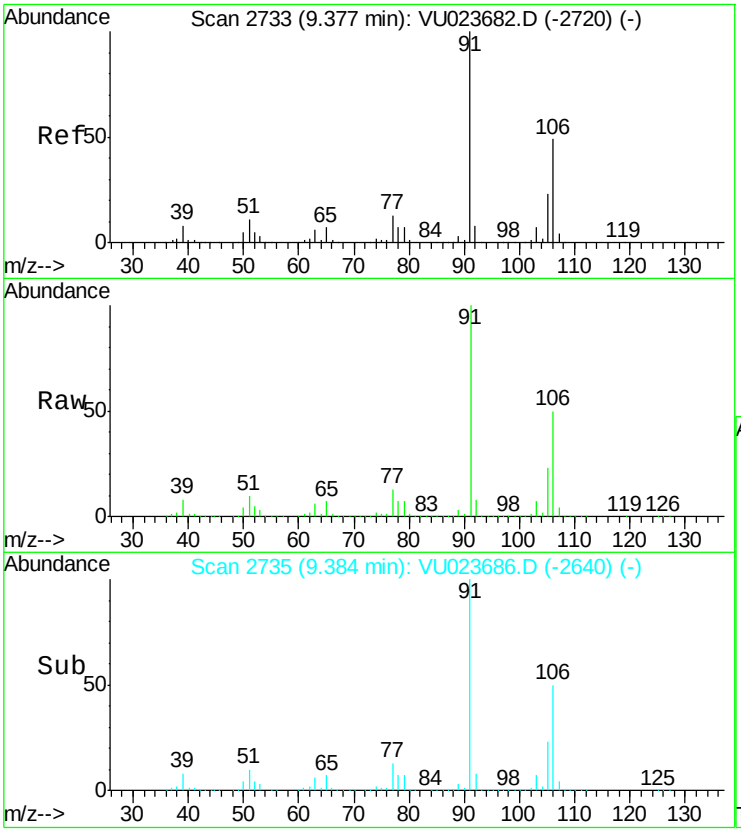


#52
Ethylbenzene
Concen: 161.38 ug/L
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion: 91 Resp: 2501983

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.6	40.0

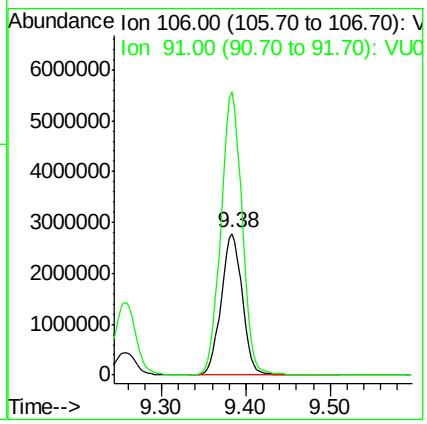


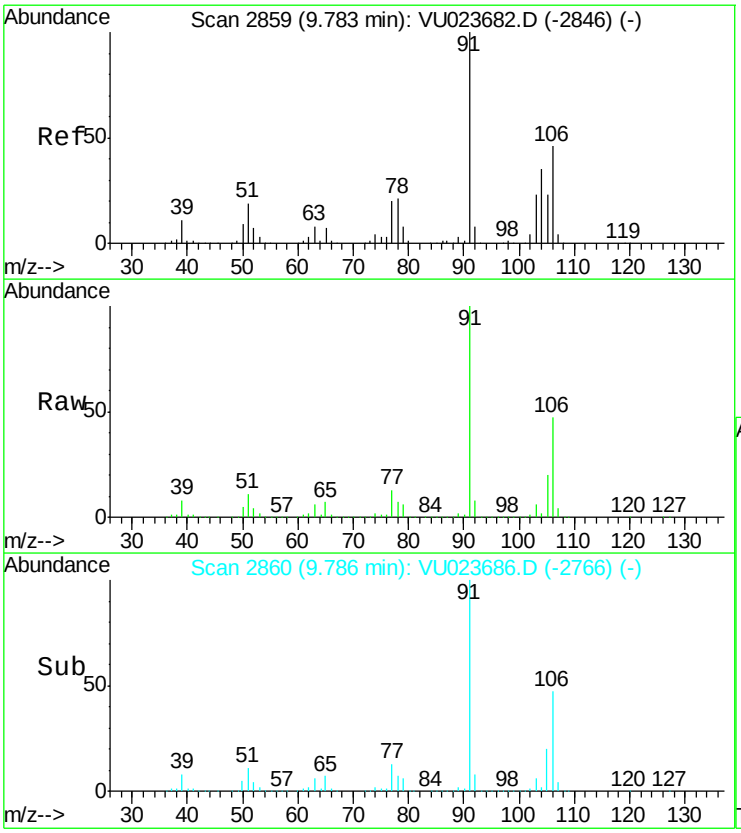


#53
m,p-Xylene
Concen: 814.68 ug/L
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion:106 Resp: 4817552

Ion	Ratio	Lower	Upper
106	100		
91	200.2	144.1	267.5

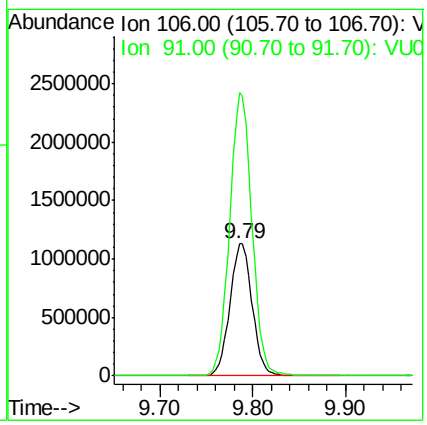


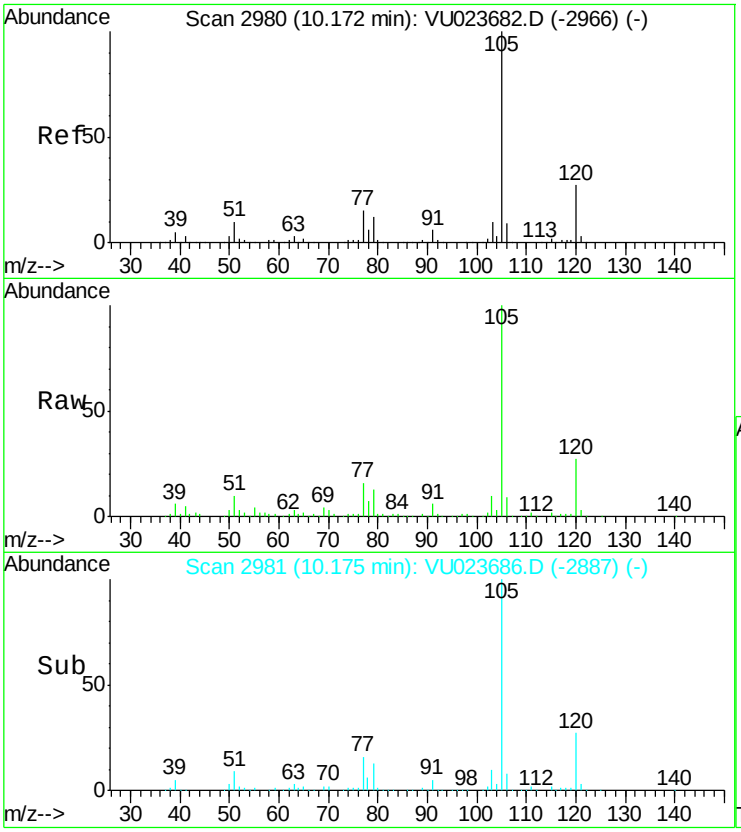


#54
o-xylene
Concen: 336.00 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion:106 Resp: 1882459

Ion	Ratio	Lower	Upper
106	100		
91	214.5	148.9	276.5





#56
Isopropylbenzene
Concen: 9.26 ug/L
RT: 10.17 min Scan# 2981
Delta R.T. 0.00 min
Lab File: VU023686.D
Acq: 06 May 2018 12:49

Tgt Ion:105 Resp: 136184

Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.9	31.3
77	16.1	12.6	18.8