Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031659.D
Acq On : 01 May 2019 01:48
Operator : JC/SP
Sample : K2604-12
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Manual Integrations APPROVED
MMDadoda
5/1/2019 9:54:21 AM

Quant Time: May 01 05:25:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	2025632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1917461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	903094	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	511411	30.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.34%			
7) Chloroethane-d5	1.68	69	354863	27.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 54.18%#			
11) 1,1-Dichloroethene-d2	2.25	63	791282	23.44	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.88%#			
21) 2-Butanone-d5	4.20	46	1016271	66.16	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.16%			
24) Chloroform-d	4.64	84	921100	29.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 59.34%#			
26) 1,2-Dichloroethane-d4	5.31	65	647141	31.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.80%#			
32) Benzene-d6	5.33	84	1873712	31.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.64%#			
36) 1,2-Dichloropropane-d6	6.33	67	685228	33.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 66.16%#			
41) Toluene-d8	7.56	98	1624436	31.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 63.36%#			
43) trans-1,3-Dichloropropene-	7.85	79	288509	32.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.88%			
47) 2-Hexanone-d5	8.34	63	720988	80.41	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.41%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	850124	30.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 61.16%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	582554	30.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 61.34%#			
Target Compounds						Qvalue
42) Toluene	7.64	91	904499	12.880	ug/L	98
52) Ethylbenzene	9.24	91	19931503m	273.617	ug/L	
53) m,p-Xylene	9.38	106	4156974	163.789	ug/L	100
54) o-xylene	9.78	106	4597816	182.730	ug/L	100
55) Styrene	9.79	104	2335860	54.337	ug/L	82
56) Isopropylbenzene	10.17	105	240830	3.640	ug/L	99

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

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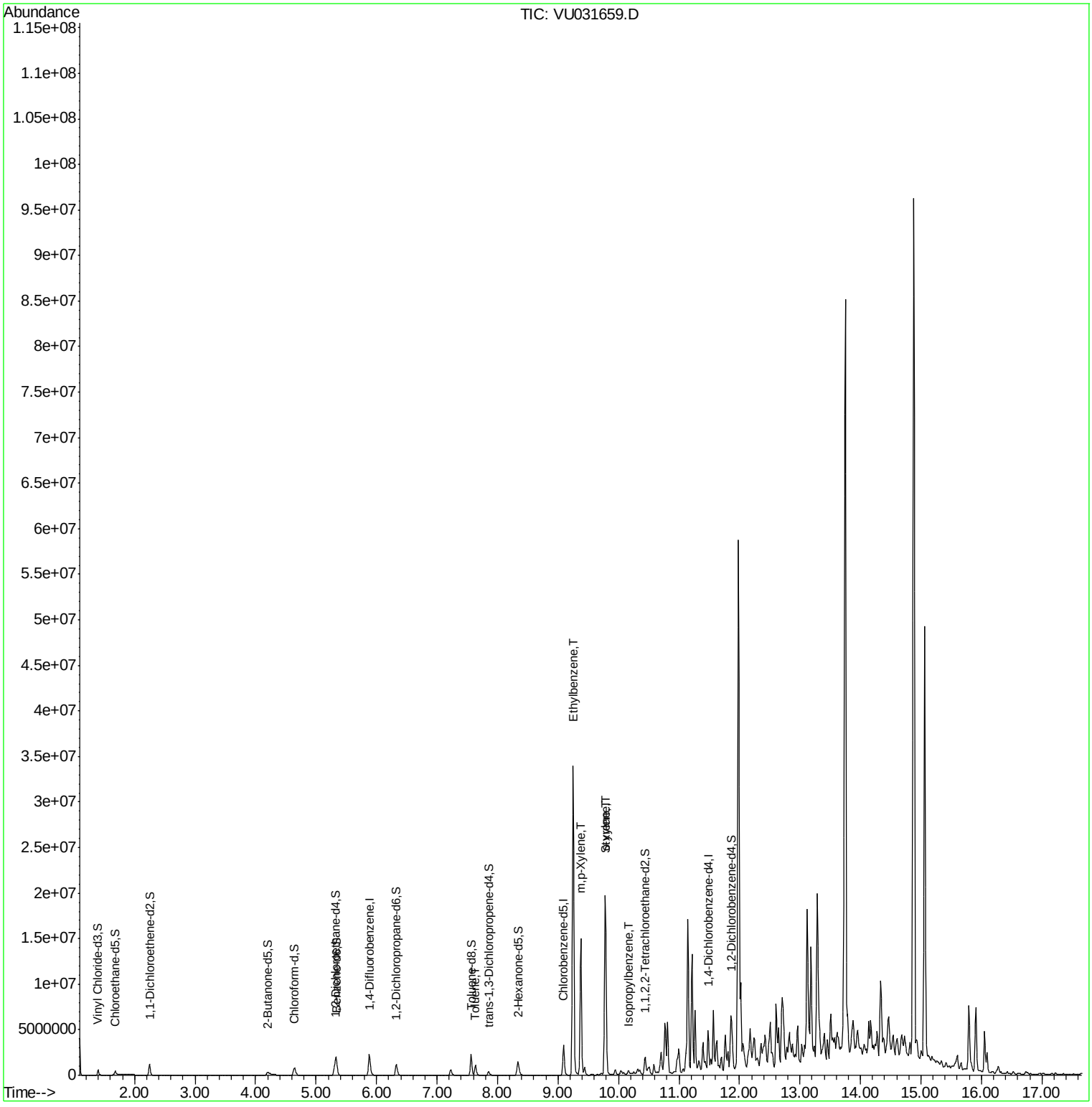
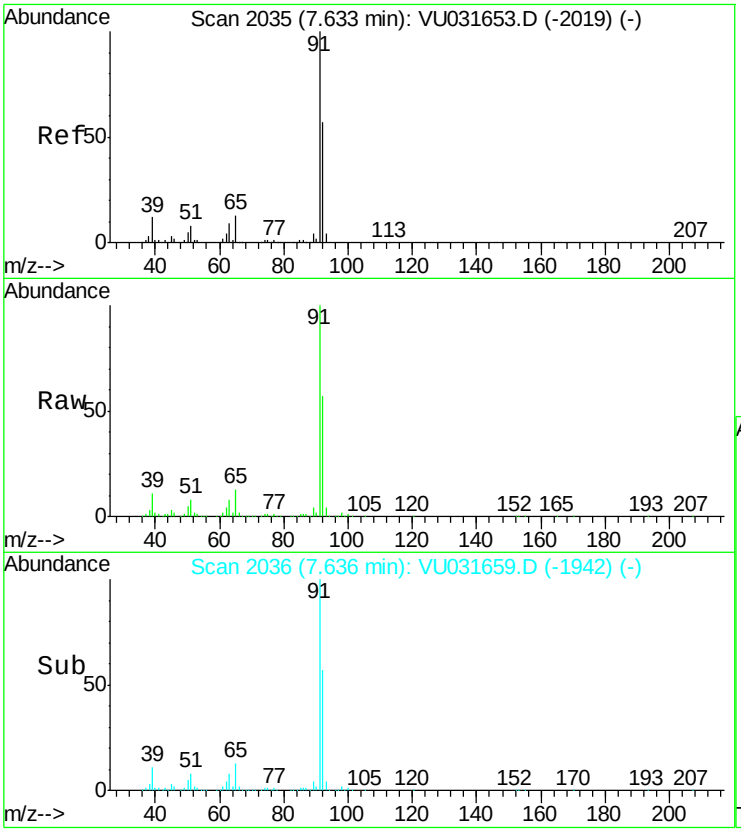
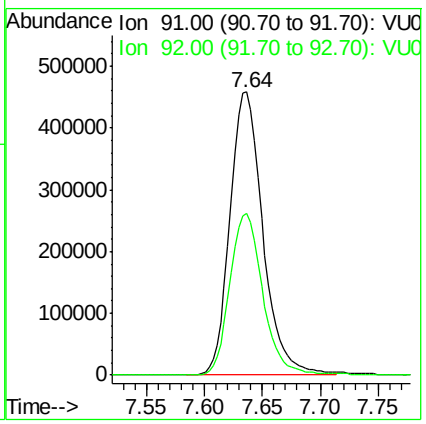




#42
Toluene
Concen: 12.880 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

Tgt Ion: 91 Resp: 904499

Ion	Ratio	Lower	Upper
91	100		
92	57.0	39.0	72.4



Instrument :
MSVOA_U
ClientSampleId :
GAJ86

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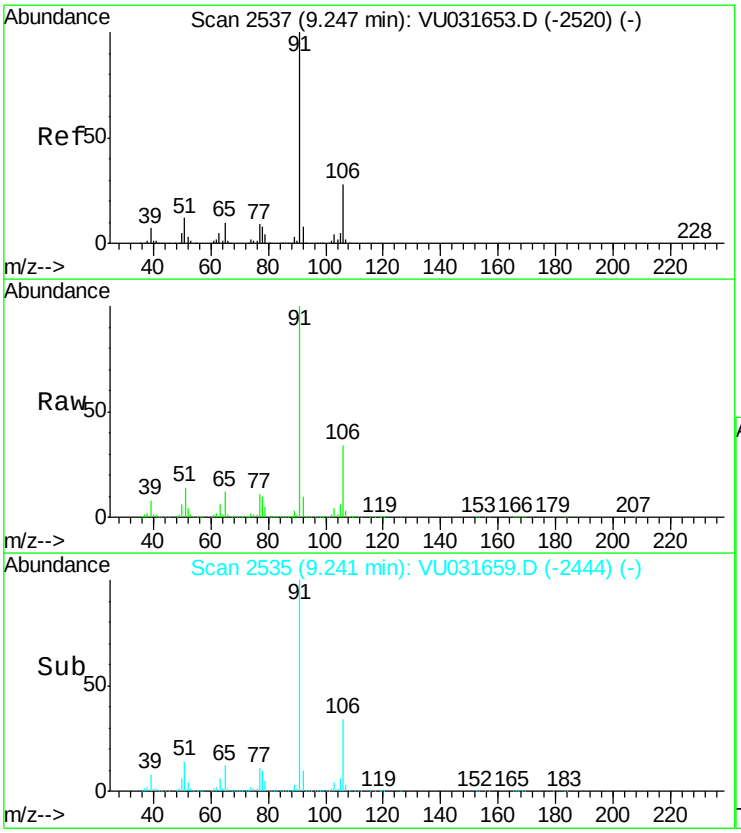
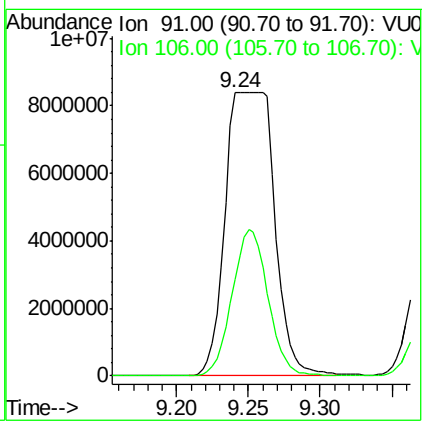
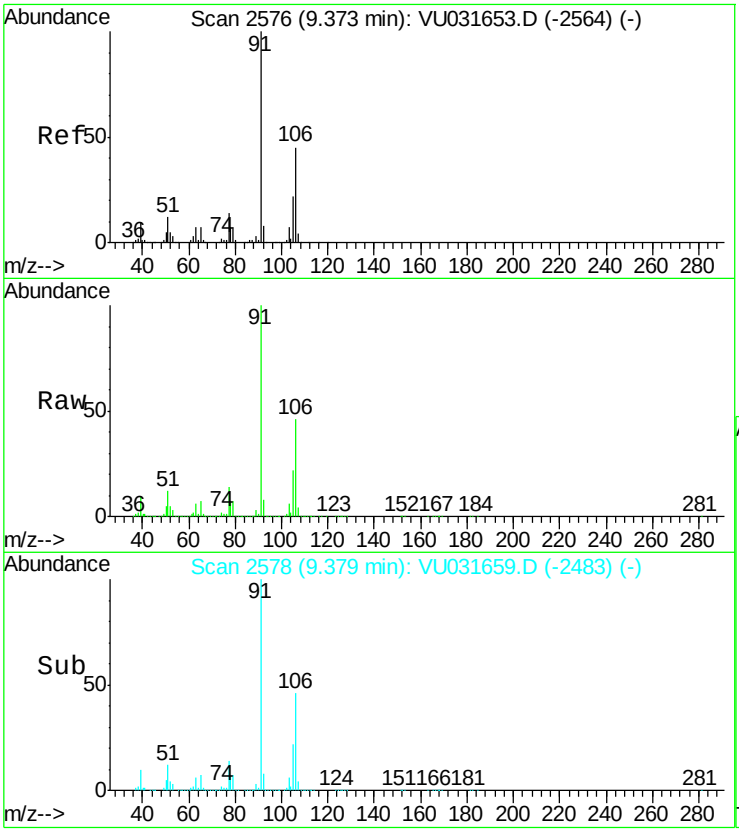


#52
Ethylbenzene
Concen: 273.617 ug/L m
RT: 9.24 min Scan# 2535
Delta R.T. -0.01 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

Tgt Ion: 91 Resp:19931503

Ion	Ratio	Lower	Upper
91	100		
106	34.2	20.4	37.8

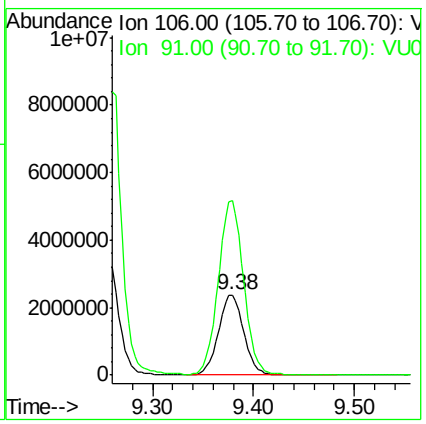




#53
m,p-Xylene
Concen: 163.789 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

Tgt Ion:106 Resp: 4156974

Ion	Ratio	Lower	Upper
106	100		
91	217.1	152.2	282.6



Instrument :
MSVOA_U
ClientSampleId :
GAJ86

Manual Integrations APPROVED
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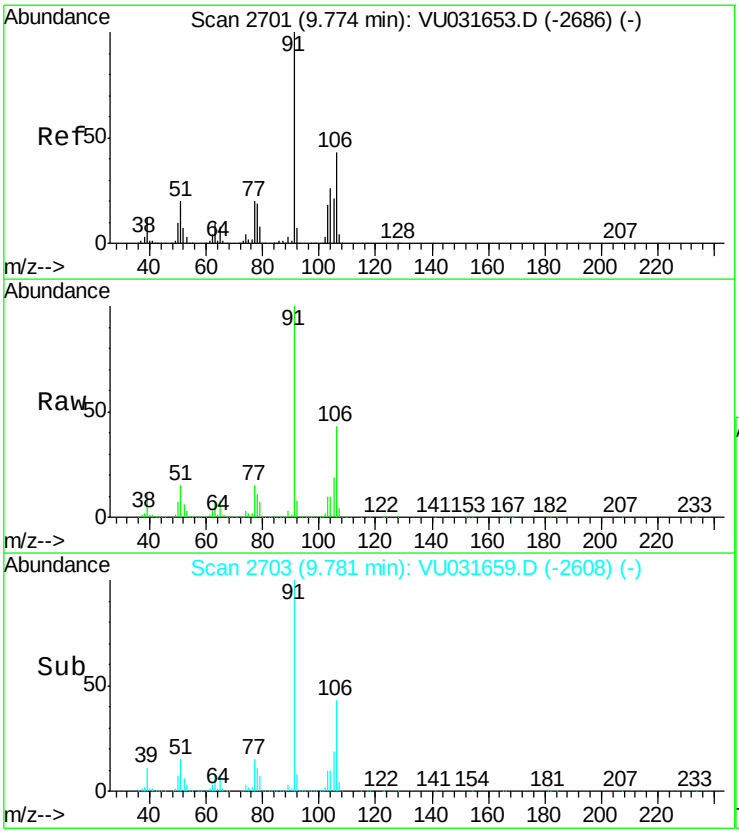
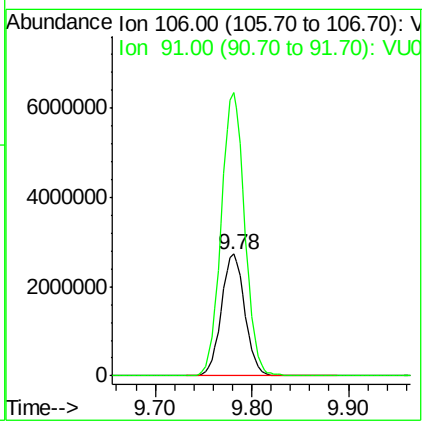
5/1/2019 9:54:21 AM

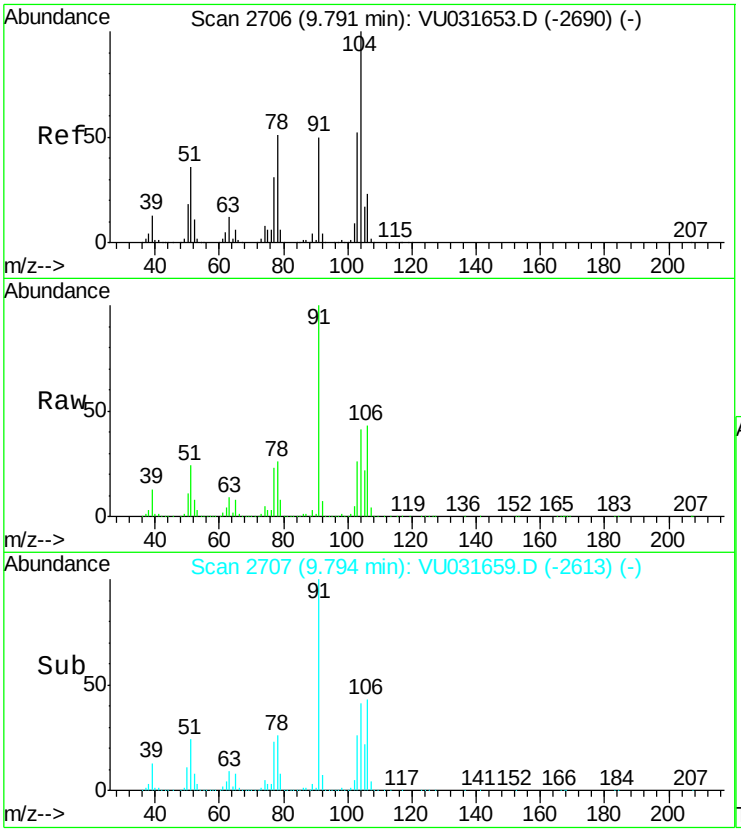


#54
o-xylene
Concen: 182.730 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

Tgt Ion:106 Resp: 4597816

Ion	Ratio	Lower	Upper
106	100		
91	233.0	163.2	303.2





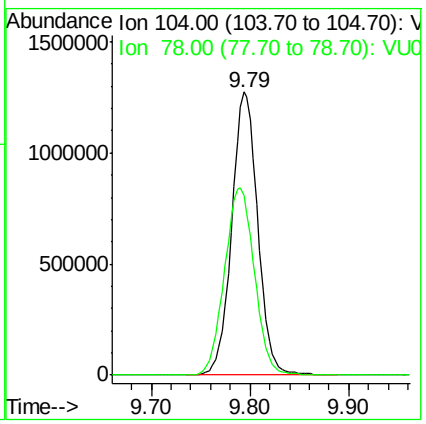
#55
Stvrene
Concen: 54.337 ug/L
RT: 9.79 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

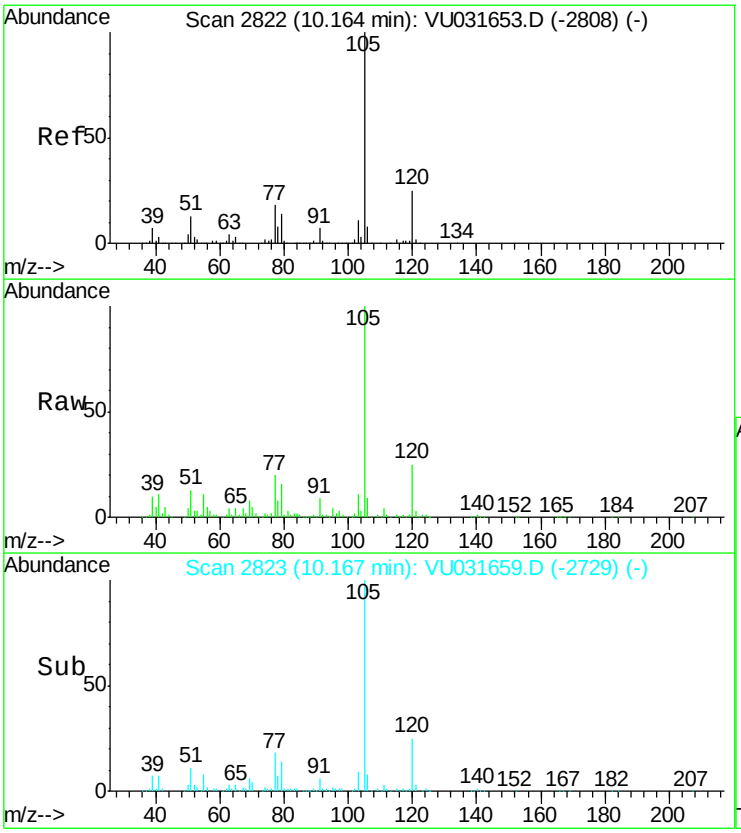
Tgt Ion:104 Resp: 2335860

Ion	Ratio	Lower	Upper
104	100		
78	63.3	35.4	65.7

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

Manual Integrations APPROVED
MMDadoda
5/1/2019 9:54:21 AM





#56
Isopropylbenzene
Concen: 3.640 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031659.D
Acq: 01 May 2019 01:48

Tgt Ion:105 Resp: 240830

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.1	30.1
77	18.6	13.8	20.6