Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Data File : VU031712.D
Acq On : 02 May 2019 15:08
Operator : JC/SP
Sample : K2603-19 10X
Misc : 5.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ71

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:56 AM

Quant Time: May 03 07:11:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1065510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	473028	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	307803	34.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.04%			
7) Chloroethane-d5	1.68	69	258057	37.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.90%			
11) 1,1-Dichloroethene-d2	2.26	63	486585m	27.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.80%#			
21) 2-Butanone-d5	4.19	46	765529	94.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.75%			
24) Chloroform-d	4.64	84	616221	37.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.46%			
26) 1,2-Dichloroethane-d4	5.30	65	414173	38.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.64%			
32) Benzene-d6	5.33	84	1277475	41.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.66%			
36) 1,2-Dichloropropane-d6	6.32	67	450764	41.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.92%			
41) Toluene-d8	7.56	98	1110484	41.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.50%			
43) trans-1,3-Dichloropropene-	7.85	79	198085	42.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.90%			
47) 2-Hexanone-d5	8.31	63	554697	119.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	623729	43.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.52%			
64) 1,2-Dichlorobenzene-d4	11.85	152	420886	42.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.62%			
Target Compounds						Qvalue
33) Benzene	5.39	78	41045	1.123	ug/L	100
42) Toluene	7.63	91	2196681	60.315	ug/L	98
52) Ethylbenzene	9.25	91	970371	25.685	ug/L	100
53) m,p-Xylene	9.37	106	2422261	184.023	ug/L	98
54) o-xylene	9.77	106	1178792	90.332	ug/L	95
55) Styrene	9.79	104	2516166	112.858	ug/L	98
56) Isopropylbenzene	10.16	105	68050	1.983	ug/L	99

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

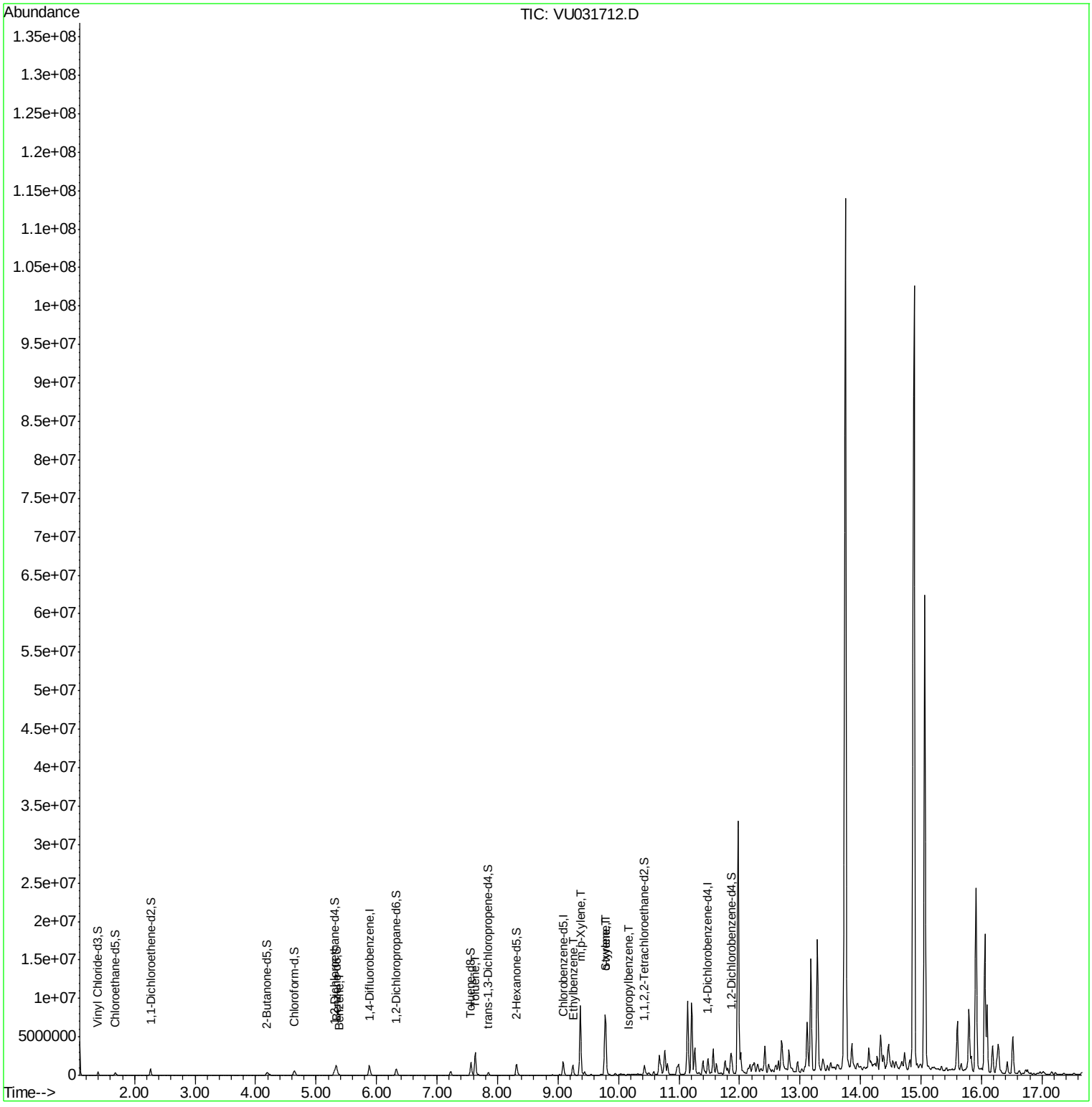
Quantitation Report (LSC Reviewed)

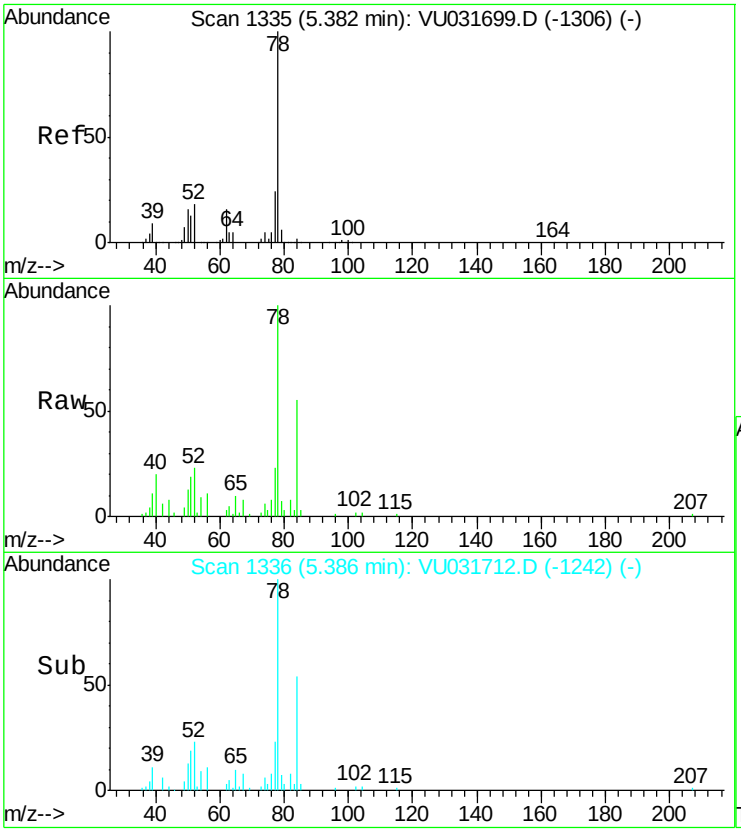
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Data File : VU031712.D
Acq On : 02 May 2019 15:08
Operator : JC/SP
Sample : K2603-19 10X
Misc : 5.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 03 07:11:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAJ71

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:56 AM



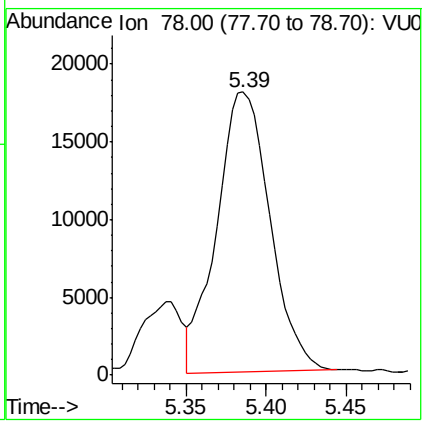


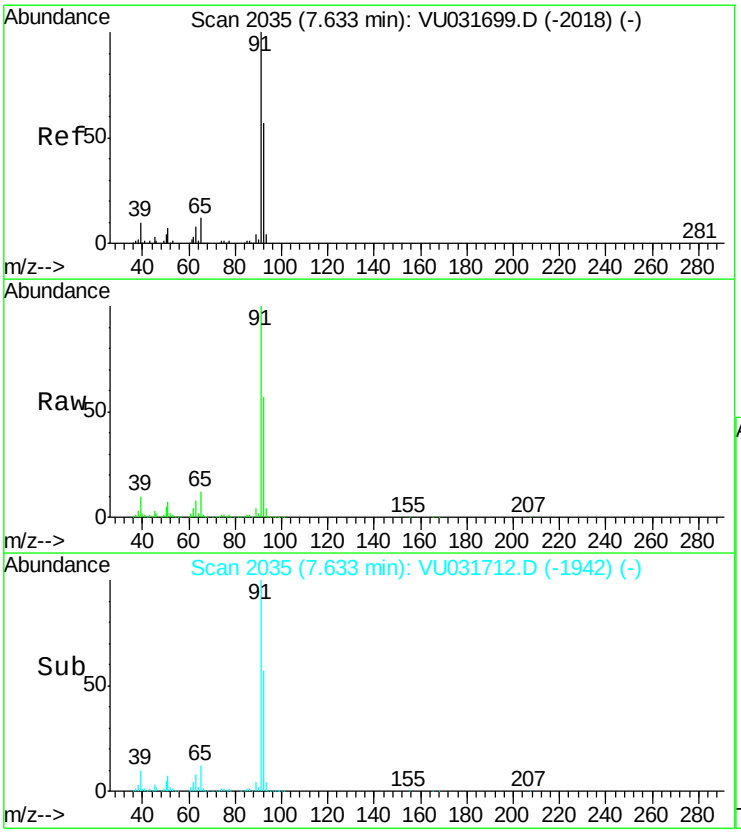
#33
Benzene
Concen: 1.123 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

Tgt Ion: 78 Resp: 41045

Instrument :
MSVOA_U
ClientSampleId :
GAJ71

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:56 AM

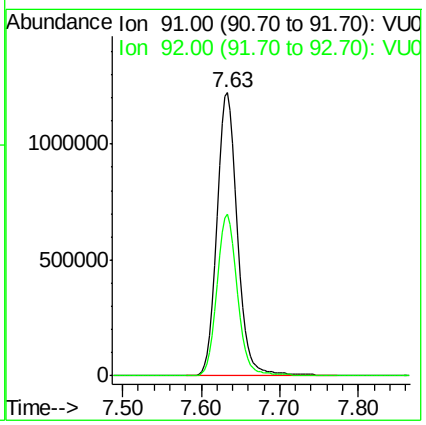


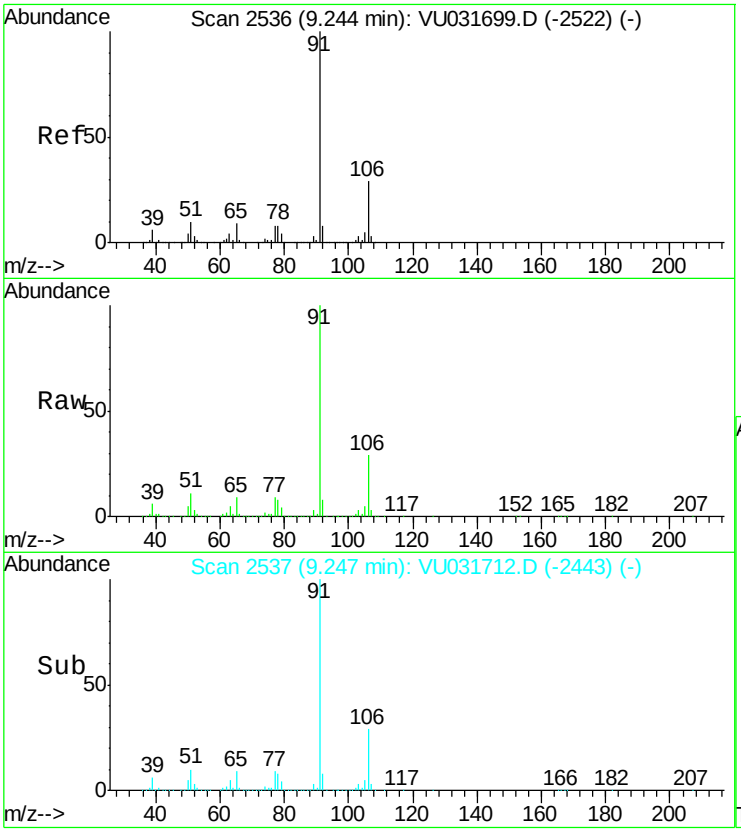


#42
Toluene
Concen: 60.315 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

Tgt Ion: 91 Resp: 2196681

Ion	Ratio	Lower	Upper
91	100		
92	57.1	39.0	72.4

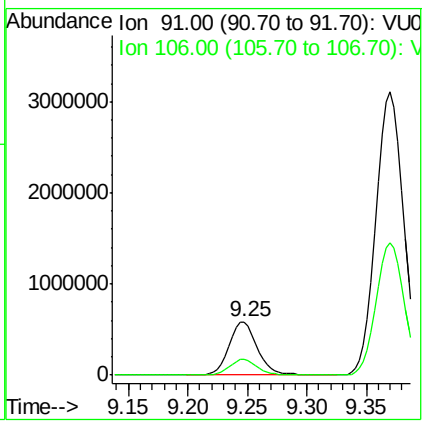




#52
Ethylbenzene
Concen: 25.685 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

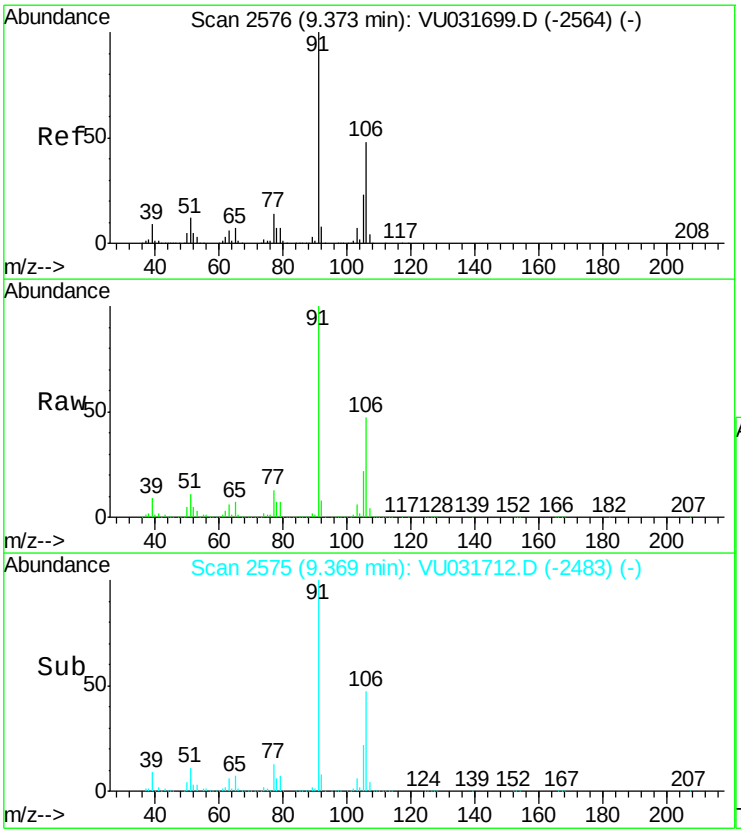
Tgt Ion: 91 Resp: 970371

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.4	37.8



Instrument :
MSVOA_U
ClientSampleId :
GAJ71

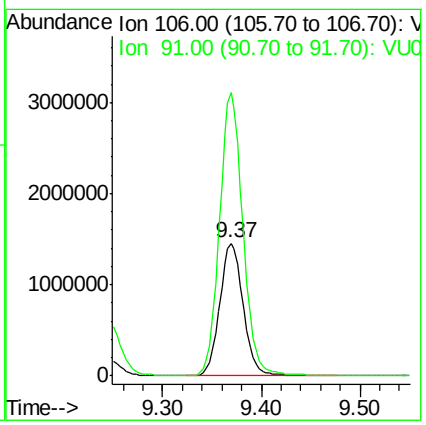
Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:56 AM

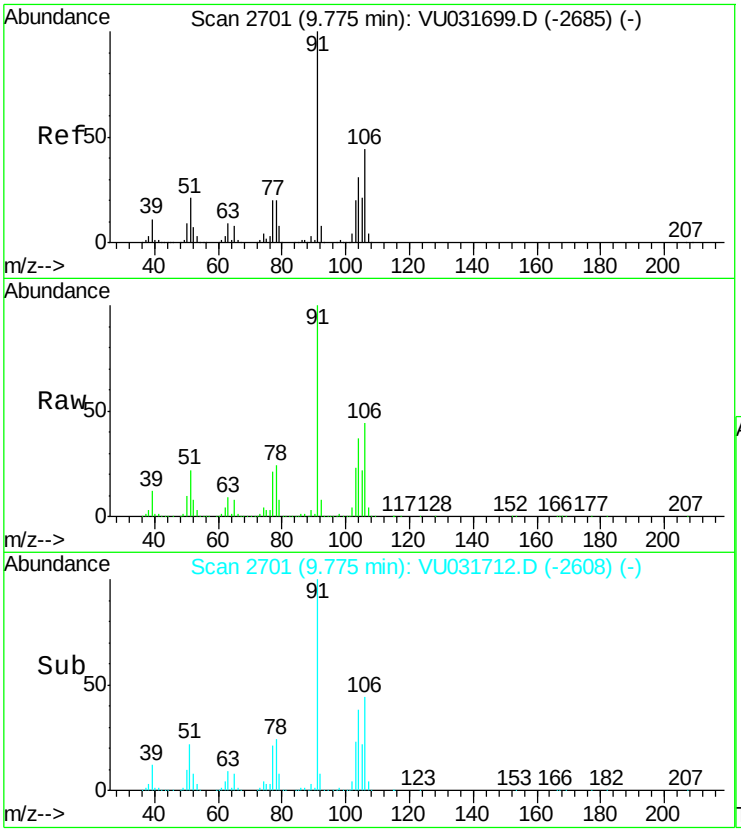


#53
m,p-Xylene
Concen: 184.023 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

Tgt Ion:106 Resp: 2422261

Ion	Ratio	Lower	Upper
106	100		
91	213.9	152.2	282.6

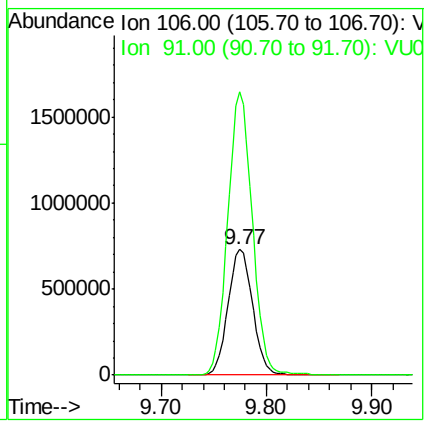




#54
o-xylene
Concen: 90.332 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

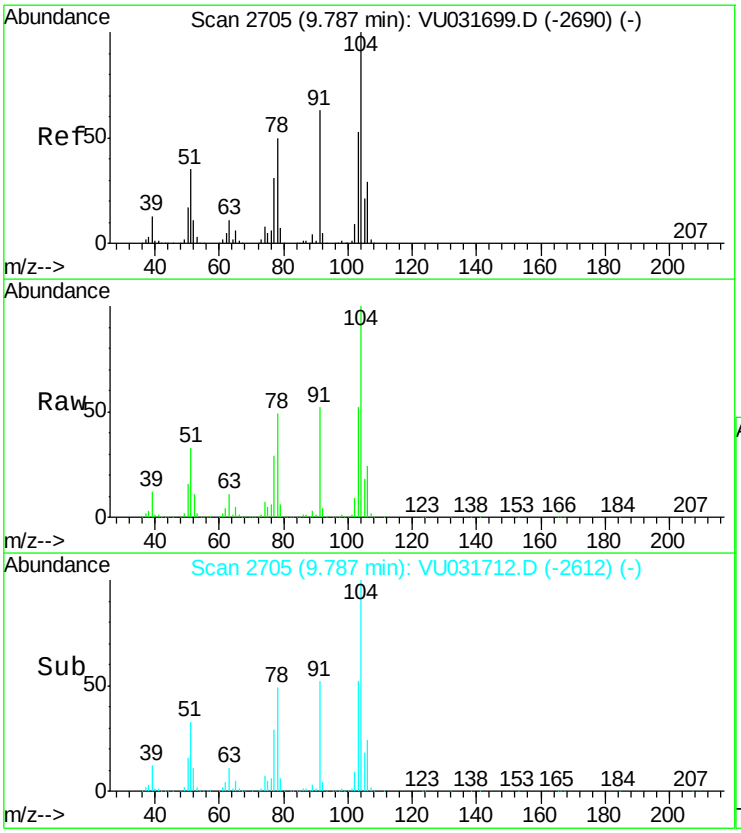
Tgt Ion:106 Resp: 1178792

Ion	Ratio	Lower	Upper
106	100		
91	225.3	163.2	303.2



Instrument :
MSVOA_U
ClientSampleId :
GAJ71

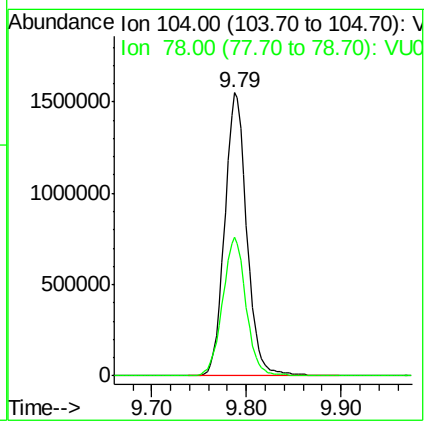
Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:56 AM

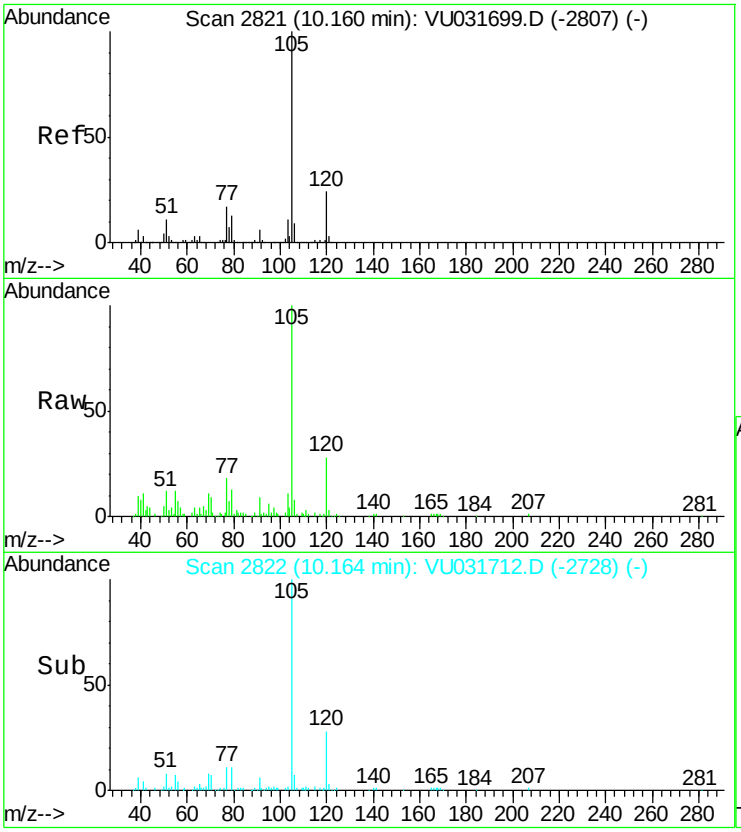


#55
Styrene
Concen: 112.858 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

Tgt Ion:104 Resp: 2516166

Ion	Ratio	Lower	Upper
104	100		
78	48.8	35.4	65.7

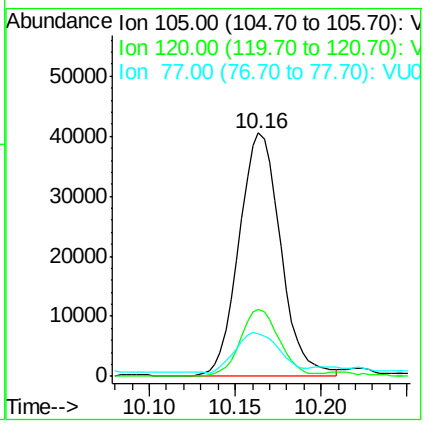




#56
Isopropylbenzene
Concen: 1.983 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031712.D
Acq: 02 May 2019 15:08

Tgt Ion:105 Resp: 68050

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.1	30.1
77	17.2	13.8	20.6



Instrument :
MSVOA_U
ClientSampleId :
GAJ71

Manual Integrations APPROVED
MMDadoda
5/3/2019 10:39:56 AM