Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031031.D
Acq On : 10 Apr 2019 23:00
Operator : JC/SP
Sample : K2254-22ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC68ME

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:41 PM

Quant Time: Apr 19 22:58:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481470	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246891	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	117124	27.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 54.50%#			
7) Chloroethane-d5	1.64	69	98610m	30.23	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 60.46%#			
11) 1,1-Dichloroethene-d2	2.24	63	187977	24.18	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.36%#			
21) 2-Butanone-d5	4.19	46	295330	86.70	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.70%			
24) Chloroform-d	4.64	84	232188	35.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.74%			
26) 1,2-Dichloroethane-d4	5.30	65	172601	38.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.06%			
32) Benzene-d6	5.33	84	480014	34.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.00%#			
36) 1,2-Dichloropropane-d6	6.32	67	174421	36.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 72.10%			
41) Toluene-d8	7.56	98	409099	32.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 65.38%#			
43) trans-1,3-Dichloropropene-	7.85	79	74650	33.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.66%			
47) 2-Hexanone-d5	8.32	63	196921	89.04	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279851	42.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	196532	40.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.96%			
Target Compounds						Qvalue
29) Cyclohexane	4.98	56	9797m	1.421	ug/L	
35) Methylcyclohexane	6.40	83	12645	2.111	ug/L	93
52) Ethylbenzene	9.25	91	53531	3.040	ug/L	99
53) m,p-Xylene	9.38	106	15264	2.485	ug/L	95
54) o-xylene	9.78	106	10982	1.798	ug/L	98
56) Isopropylbenzene	10.17	105	17608	1.095	ug/L	94

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

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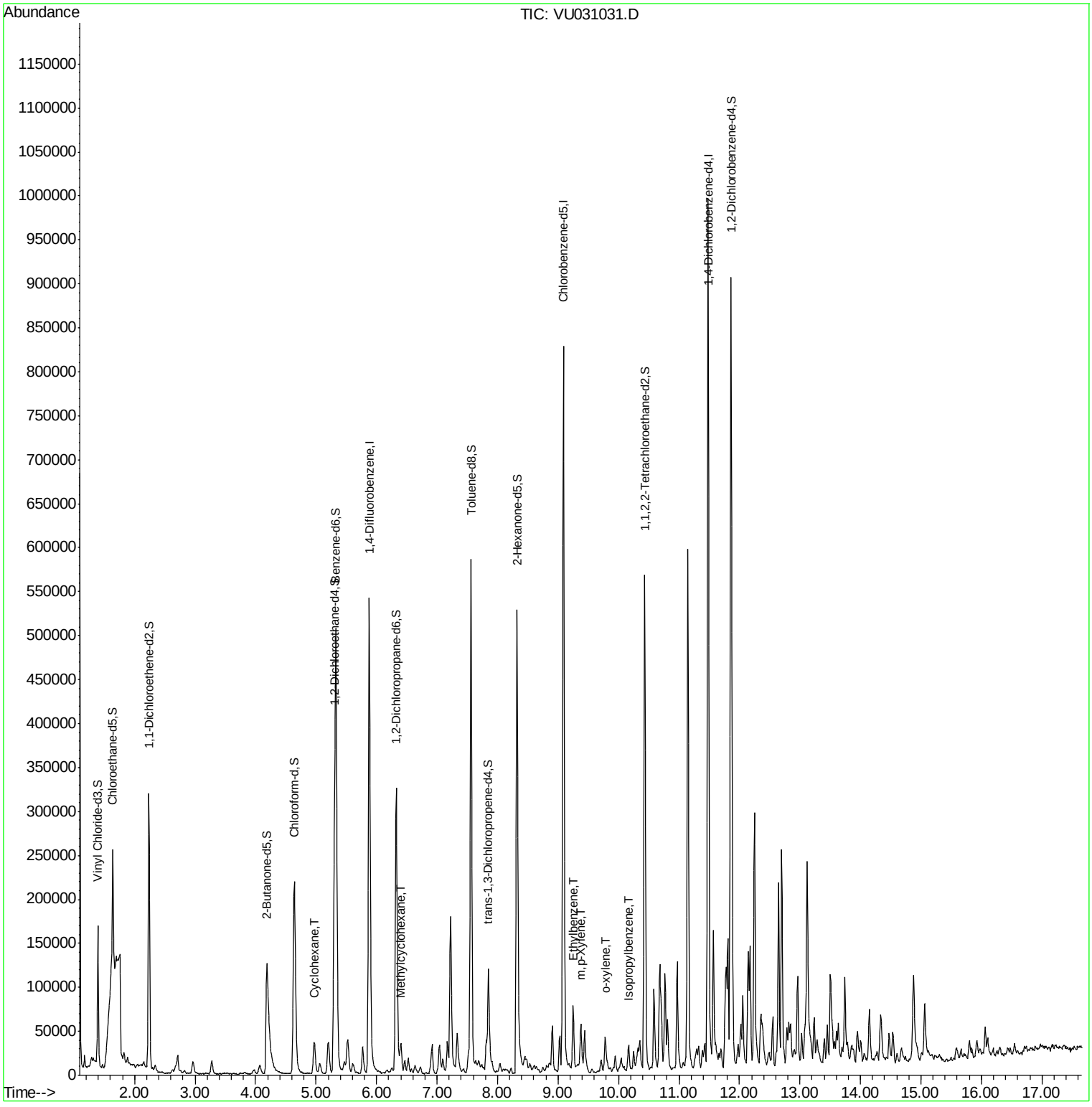
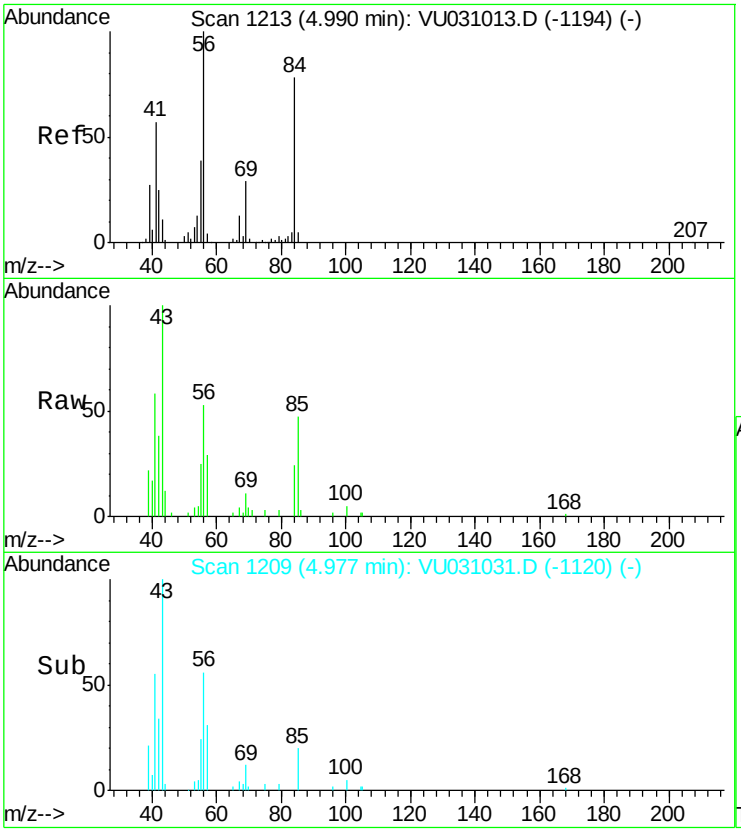
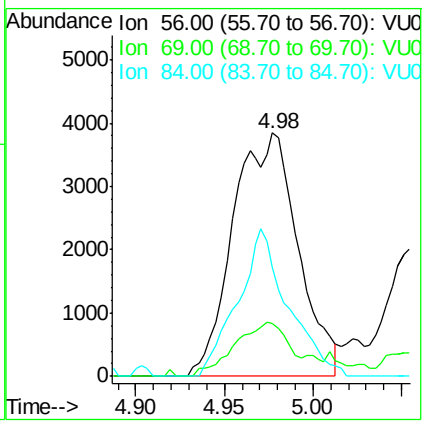




#29
Cyclohexane
Concen: 1.421 ug/L m
RT: 4.98 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VU031031.D
Acq: 10 Apr 2019 23:00

Tgt Ion: 56 Resp: 9797

Ion	Ratio	Lower	Upper
56	100		
69	18.3	22.0	33.0#
84	47.0	58.2	87.2#



Instrument :
MSVOA_U
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BFC68ME

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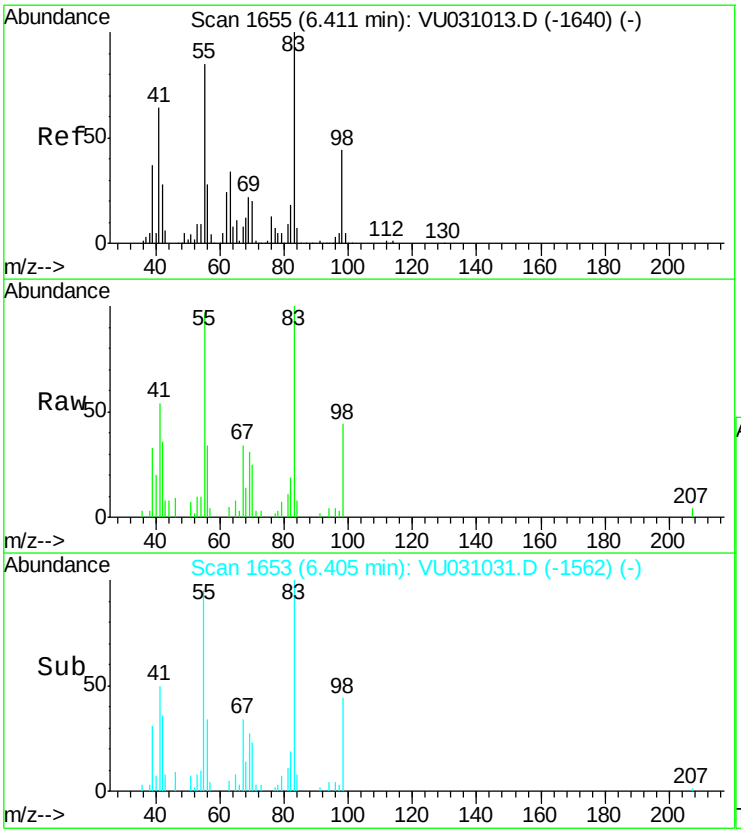
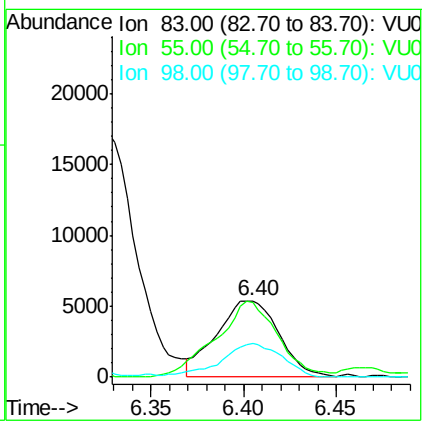
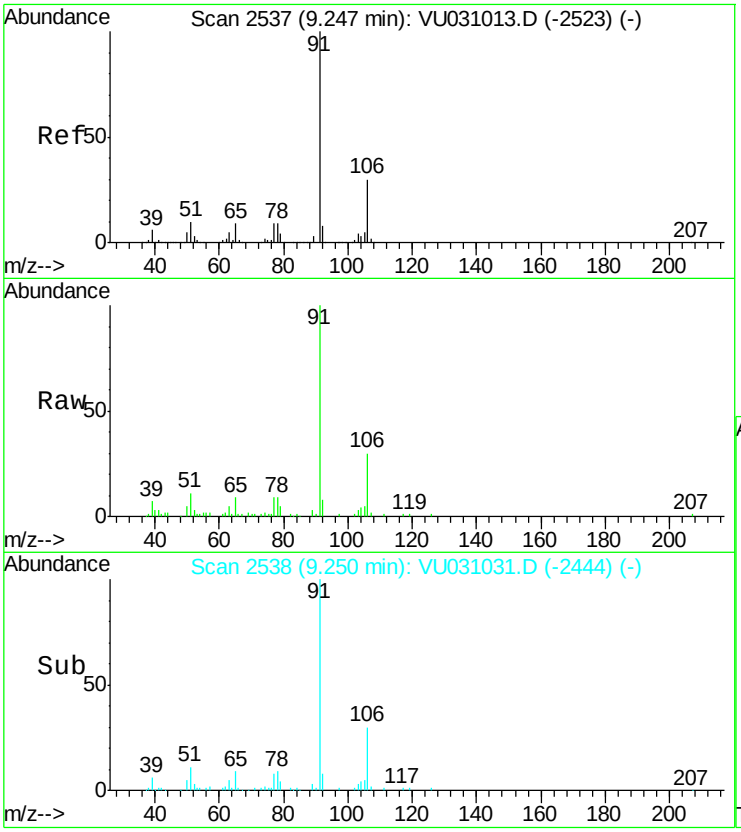


#35
Methylcyclohexane
Concen: 2.111 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VU031031.D
Acq: 10 Apr 2019 23:00

Tgt Ion: 83 Resp: 12645

Ion	Ratio	Lower	Upper
83	100		
55	99.0	71.6	107.4
98	43.3	35.4	53.0

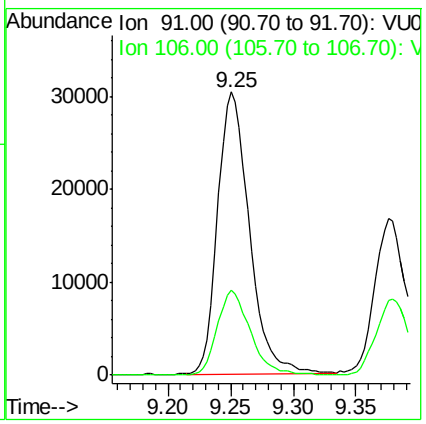




#52
Ethylbenzene
Concen: 3.040 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031031.D
Acq: 10 Apr 2019 23:00

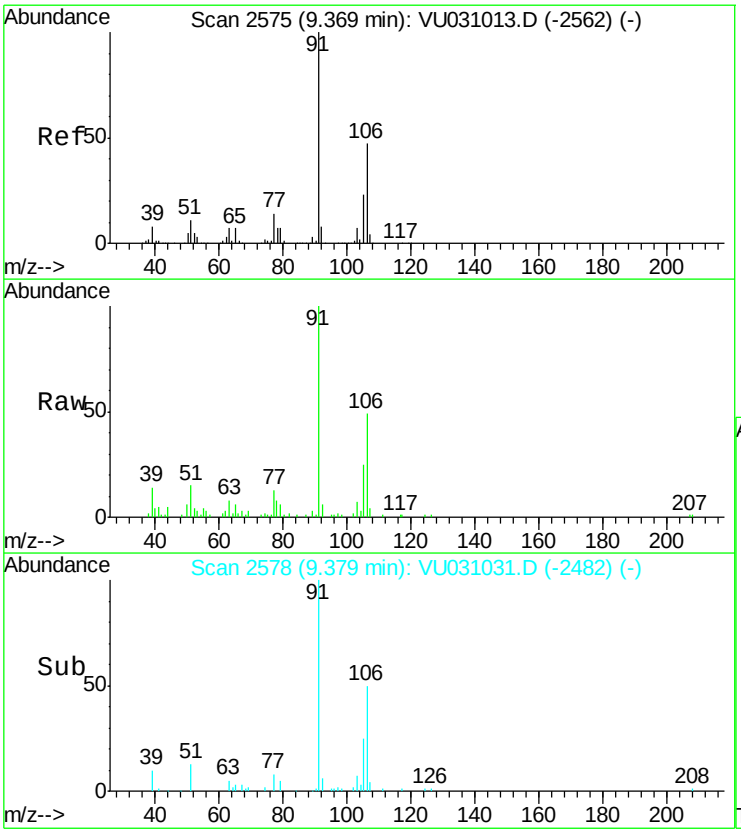
Tgt Ion: 91 Resp: 53531

Ion	Ratio	Lower	Upper
91	100		
106	29.8	20.4	37.8



Instrument :
MSVOA_U
ClientSampleId :
BFC68ME

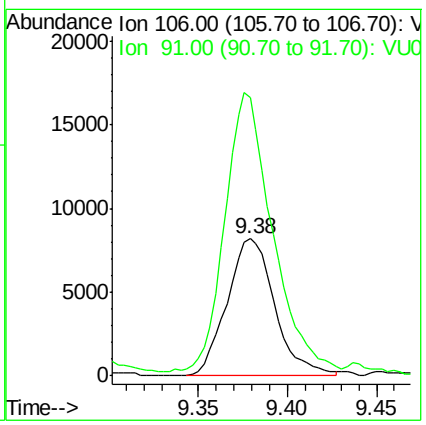
Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:41 PM

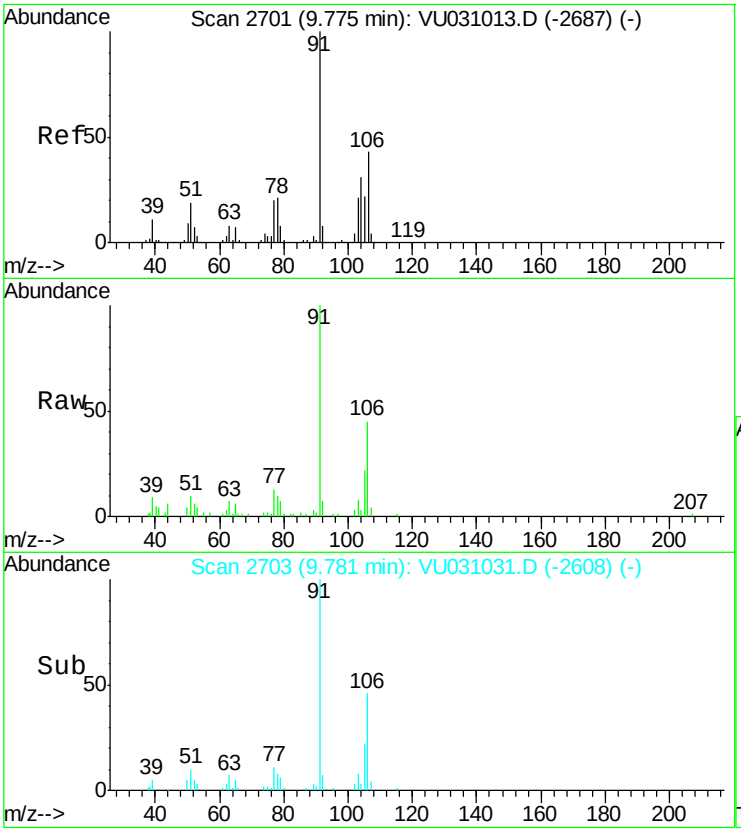


#53
m,p-Xylene
Concen: 2.485 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU031031.D
Acq: 10 Apr 2019 23:00

Tgt Ion:106 Resp: 15264

Ion	Ratio	Lower	Upper
106	100		
91	202.9	148.0	274.8

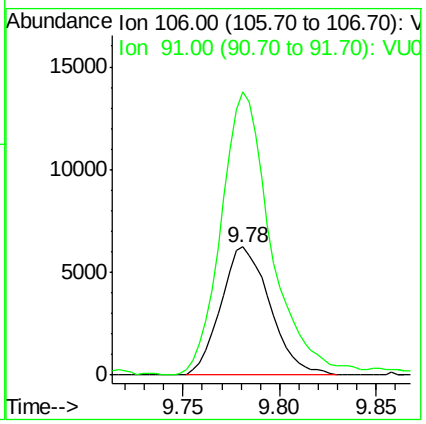




#54
o-xylene
Concen: 1.798 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031031.D
Acq: 10 Apr 2019 23:00

Tgt Ion:106 Resp: 10982

Ion	Ratio	Lower	Upper
106	100		
91	221.0	156.7	290.9



Instrument :
MSVOA_U
ClientSampleId :
BFC68ME

Manual Integrations APPROVED
MMDadoda
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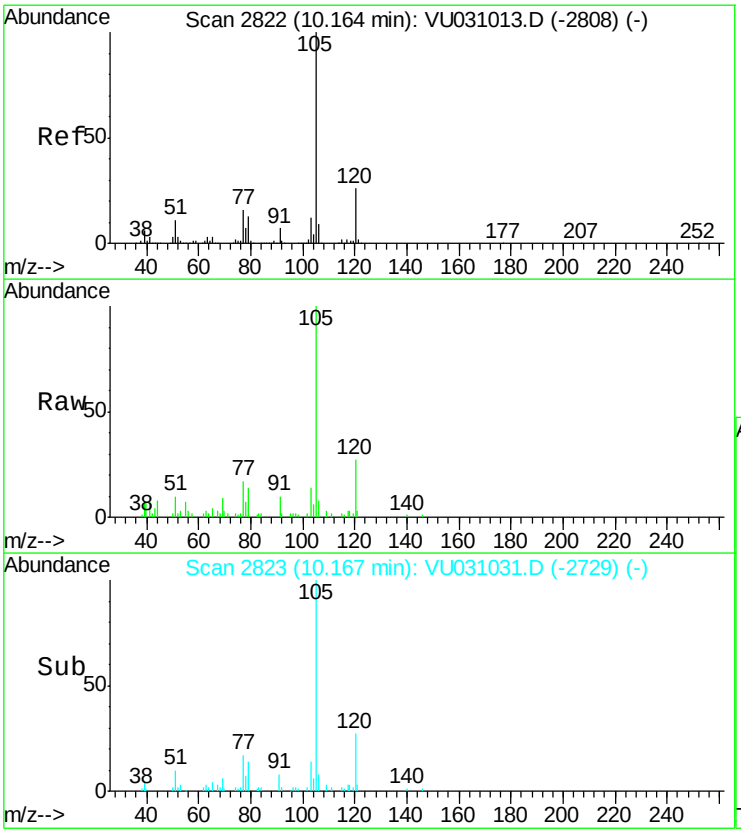

#56
Isopropylbenzene
Concen: 1.095 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031031.D
Acq: 10 Apr 2019 23:00

Tgt Ion:105 Resp: 17608

Ion	Ratio	Lower	Upper
105	100		
120	27.8	20.4	30.6
77	20.1	13.4	20.2