Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031029.D
Acq On : 10 Apr 2019 22:15
Operator : JC/SP
Sample : K2254-07ME
Misc : 5.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC28ME

Manual Integrations APPROVED
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4/12/2019 5:44:34 PM

Quant Time: Apr 19 22:54:53 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	454379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236456	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	125758	31.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.00%			
7) Chloroethane-d5	1.64	69	109720m	35.64	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.28%			
11) 1,1-Dichloroethene-d2	2.24	63	198249	27.02	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.04%#			
21) 2-Butanone-d5	4.19	46	332239	103.35	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.35%			
24) Chloroform-d	4.64	84	263803	42.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.16%			
26) 1,2-Dichloroethane-d4	5.30	65	197780	46.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.56%			
32) Benzene-d6	5.33	84	533861	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.78%			
36) 1,2-Dichloropropane-d6	6.32	67	192443	41.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.92%			
41) Toluene-d8	7.56	98	454495	38.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.64%#			
43) trans-1,3-Dichloropropene-	7.85	79	84903	40.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.20%			
47) 2-Hexanone-d5	8.32	63	214317	102.25	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.25%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317877	51.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.78%			
64) 1,2-Dichlorobenzene-d4	11.86	152	211246	45.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.86%			
Target Compounds						Qvalue
29) Cyclohexane	4.98	56	10272m	1.572	ug/L	
35) Methylcyclohexane	6.40	83	11624	2.047	ug/L #	82
52) Ethylbenzene	9.25	91	161033	9.648	ug/L	100
53) m,p-Xylene	9.38	106	30648	5.265	ug/L	98
54) o-xylene	9.78	106	24093	4.161	ug/L	94
56) Isopropylbenzene	10.17	105	29780	1.953	ug/L	98

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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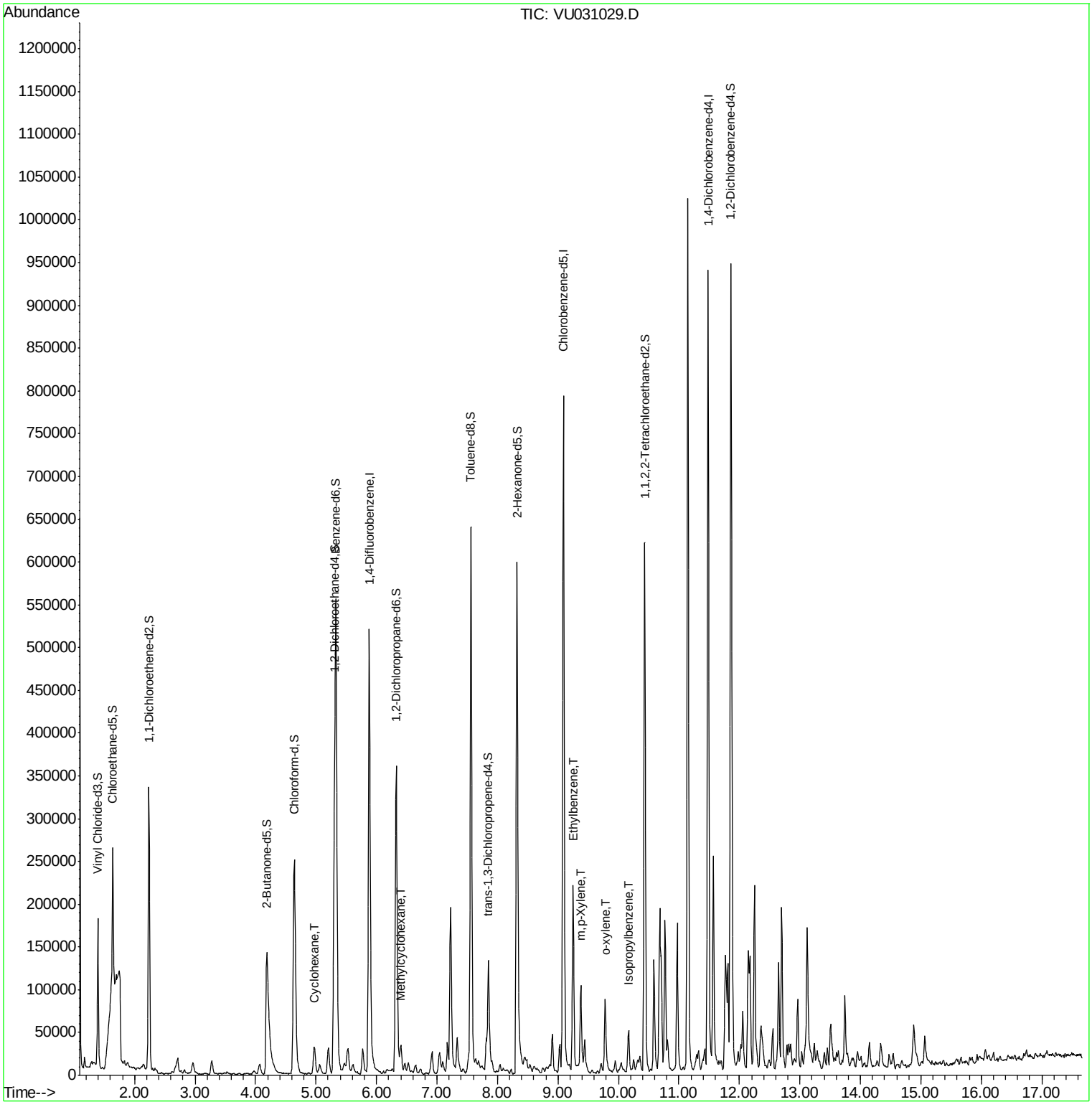

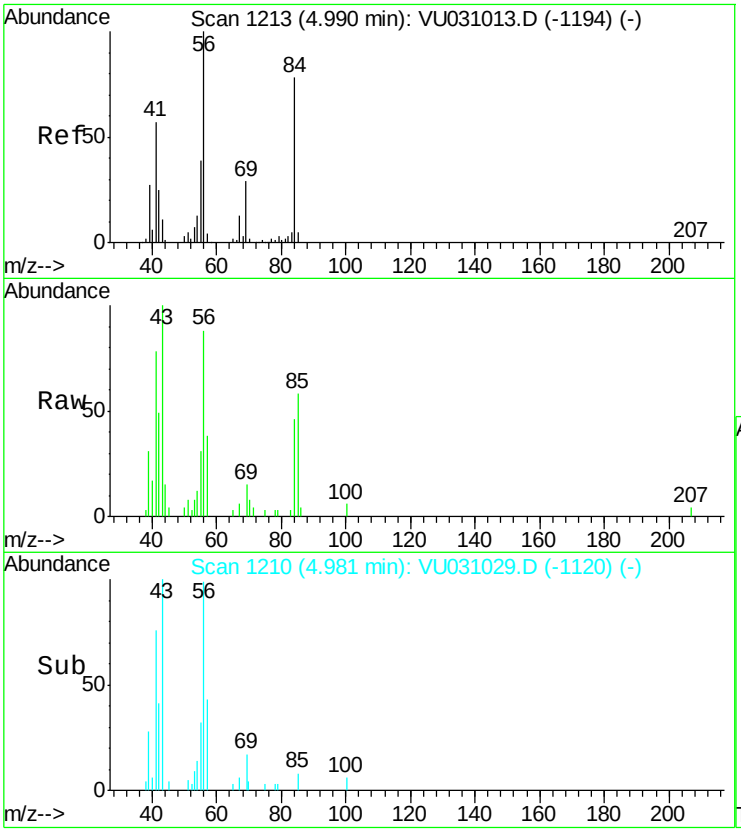

#29
Cyclohexane
Concen: 1.572 ug/L m
RT: 4.98 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VU031029.D
Acq: 10 Apr 2019 22:15

Tgt Ion: 56 Resp: 10272

Ion	Ratio	Lower	Upper
56	100		
69	11.3	22.0	33.0#
84	50.9	58.2	87.2#

Instrument :
MSVOA_U
ClientSampleId :
BFC28ME

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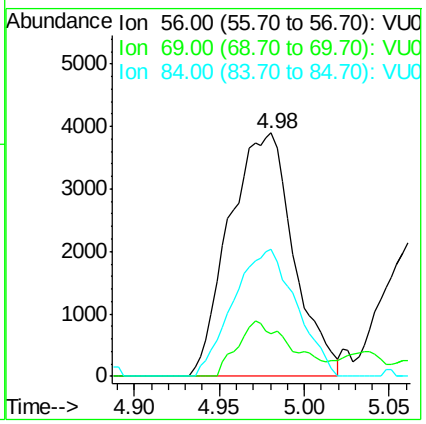
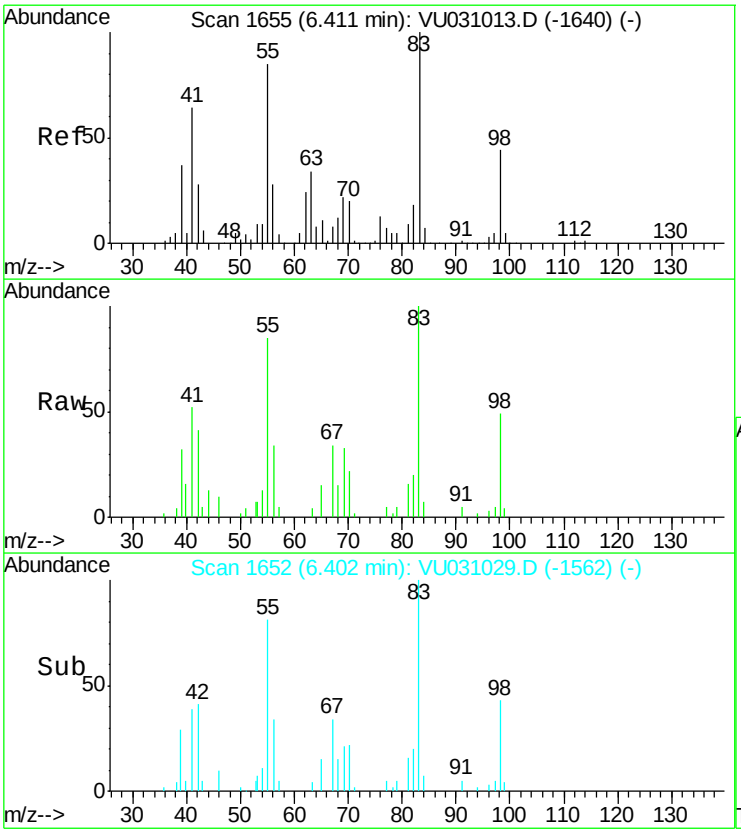
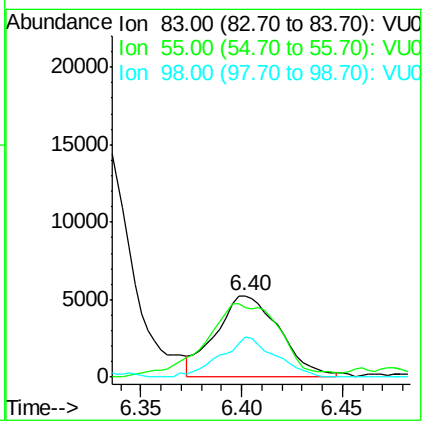


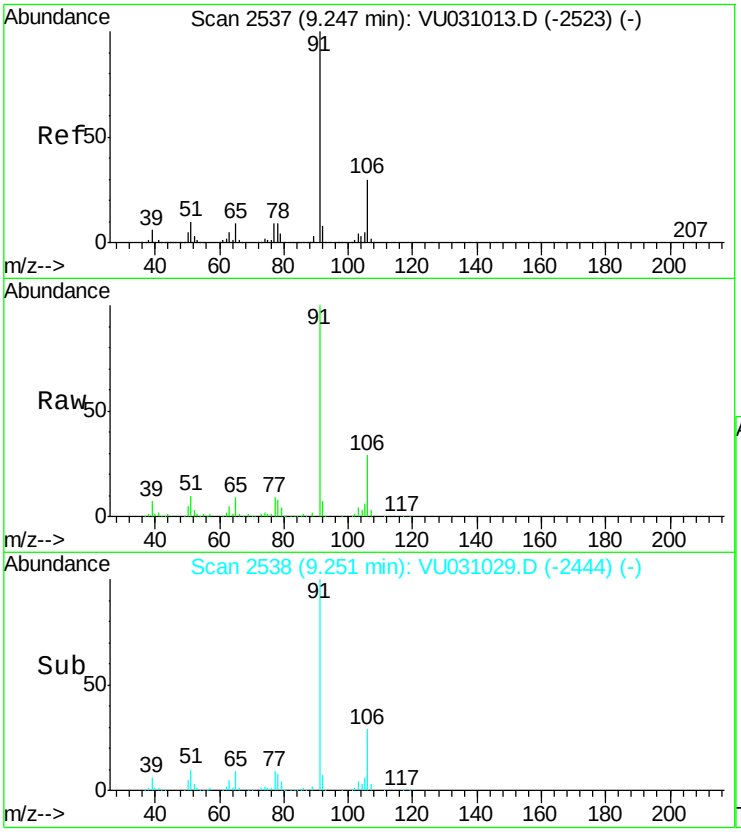


#35
Methylcyclohexane
Concen: 2.047 ug/L
RT: 6.40 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VU031029.D
Acq: 10 Apr 2019 22:15

Tgt Ion: 83 Resp: 11624

Ion	Ratio	Lower	Upper
83	100		
55	66.4	71.6	107.4#
98	41.8	35.4	53.0

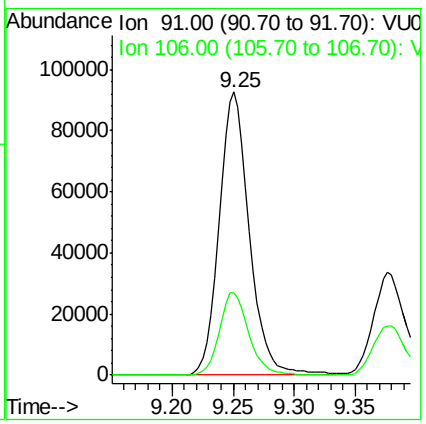




#52
Ethylbenzene
Concen: 9.648 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031029.D
Acq: 10 Apr 2019 22:15

Tgt Ion: 91 Resp: 161033

Ion	Ratio	Lower	Upper
91	100		
106	29.3	20.4	37.8



Instrument :
MSVOA_U
ClientSampleId :
BFC28ME

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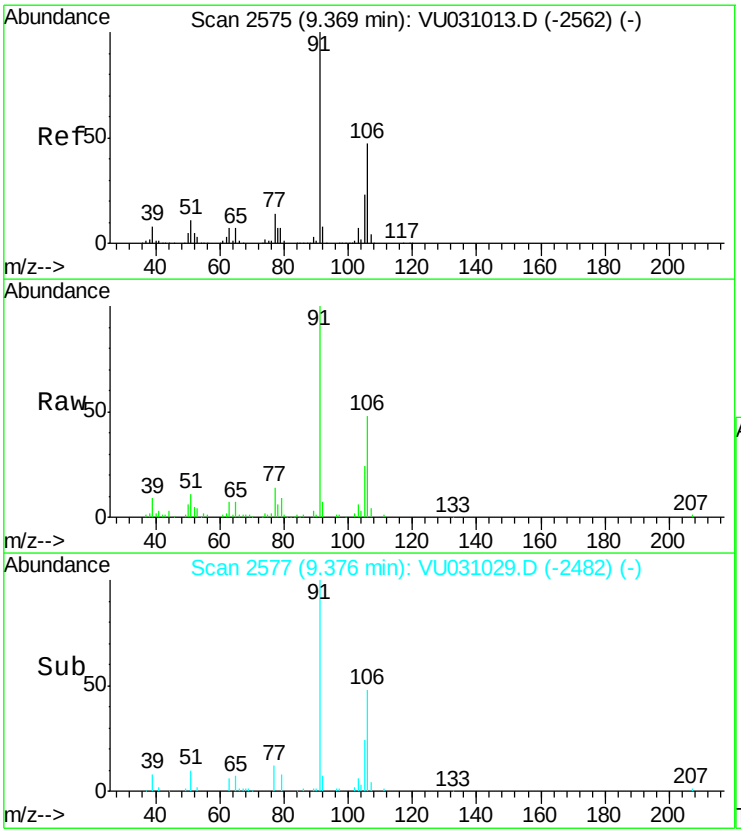
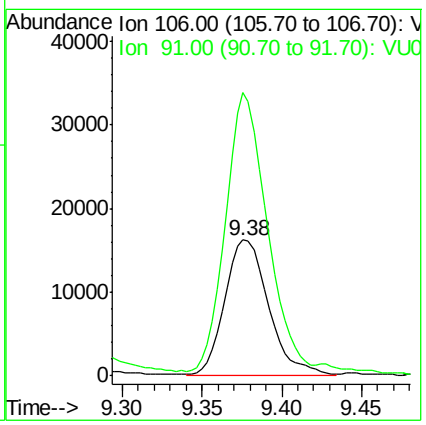
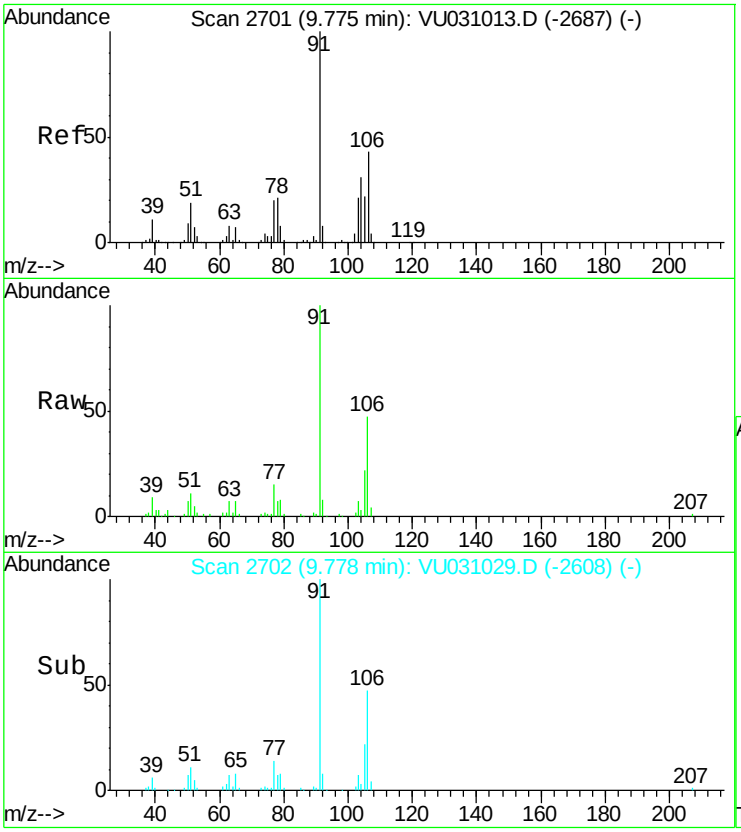


#53
m,p-Xylene
Concen: 5.265 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.01 min
Lab File: VU031029.D
Acq: 10 Apr 2019 22:15

Tgt Ion:106 Resp: 30648

Ion	Ratio	Lower	Upper
106	100		
91	207.9	148.0	274.8





#54
o-xylene
Concen: 4.161 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031029.D
Acq: 10 Apr 2019 22:15

Tgt Ion:106 Resp: 24093

Ion	Ratio	Lower	Upper
106	100		
91	214.1	156.7	290.9

Instrument :
MSVOA_U
ClientSampleId :
BFC28ME

Manual Integrations APPROVED
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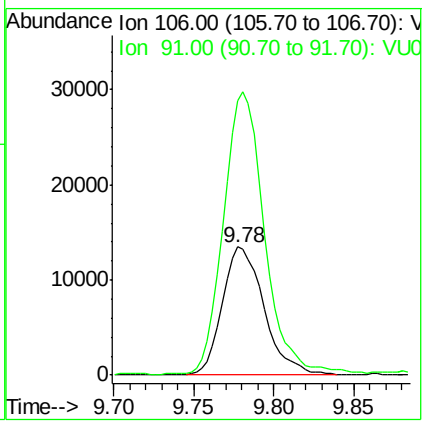

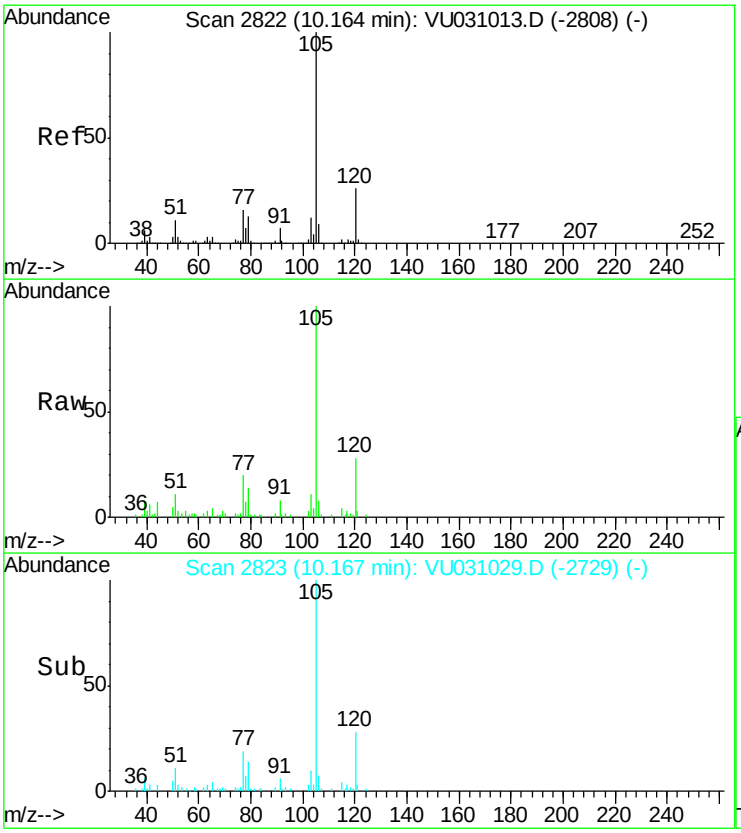

#56
Isopropylbenzene
Concen: 1.953 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031029.D
Acq: 10 Apr 2019 22:15

Tgt Ion:105 Resp: 29780

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.4	30.6
77	18.6	13.4	20.2