Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Time: Dec 28 00:43:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 00:08:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	847678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	827576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	431320	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	314615	47.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.26%			
7) Chloroethane-d5	1.89	69	186640	33.50	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 67.00%#			
11) 1,1-Dichloroethene-d2	2.56	63	443397	39.40	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.80%			
21) 2-Butanone-d5	4.69	46	390482	79.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.39%			
24) Chloroform-d	5.11	84	595379	51.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.28%			
26) 1,2-Dichloroethane-d4	5.74	65	402813	52.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.40%			
32) Benzene-d6	5.76	84	1207979	52.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.86%			
36) 1,2-Dichloropropane-d6	6.73	67	391332	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.30%			
41) Toluene-d8	7.93	98	1133869	51.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.54%			
43) trans-1,3-Dichloropropene-	8.21	79	221708	52.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.76%			
47) 2-Hexanone-d5	8.68	63	415449	104.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.25%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	634069	54.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	476007	52.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.22%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.79	83	36196	3.618	ug/L	91
52) Ethylbenzene	9.60	91	68752	2.257	ug/L	94
53) m,p-Xylene	9.72	106	32824	2.904	ug/L	96
54) o-xylene	10.13	106	11327	0.999	ug/L	80
56) Isopropylbenzene	10.51	105	130963	4.431	ug/L	98

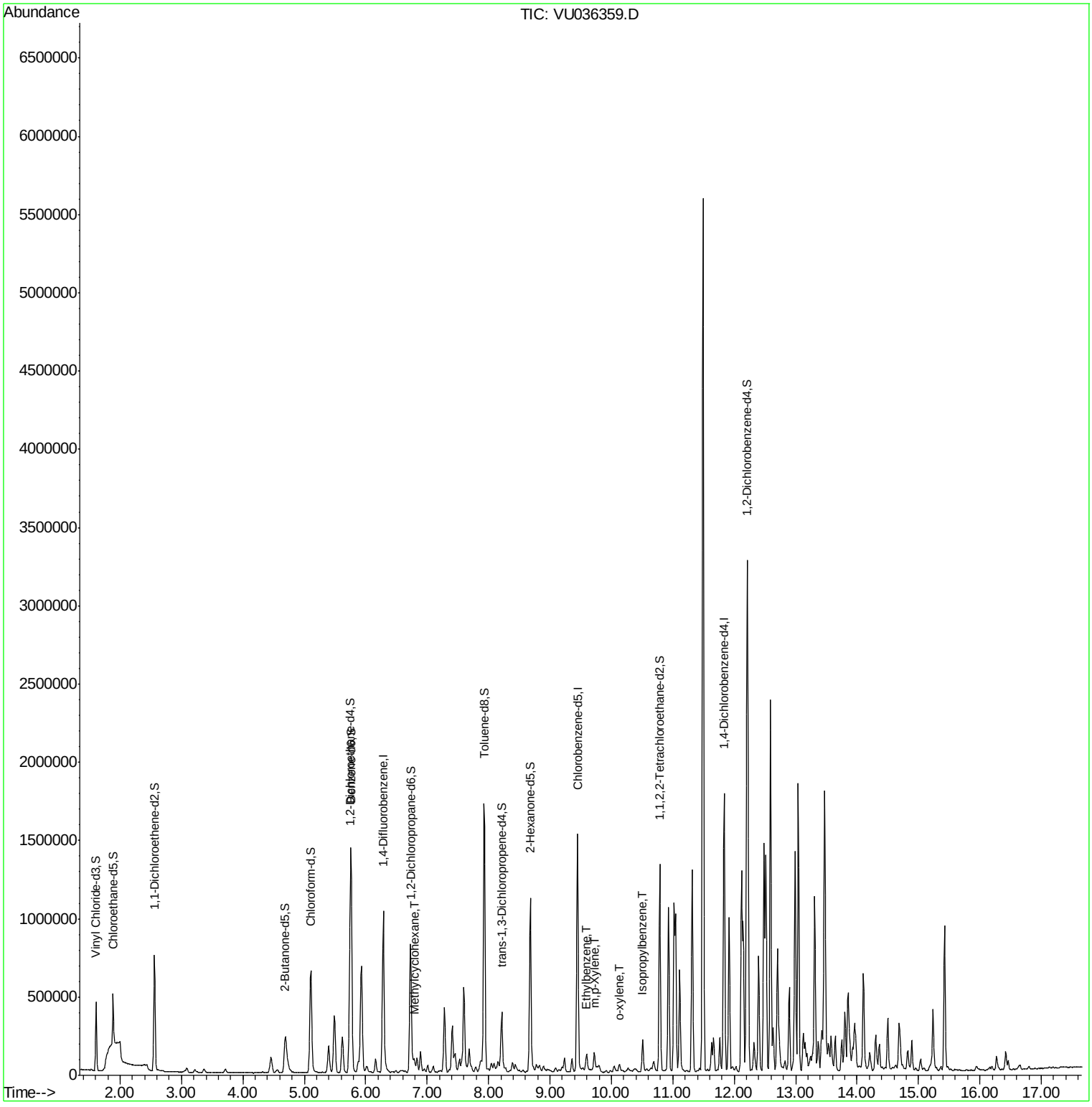
(#) = qualifier out of range (m) = manual integration (+) = signals summed

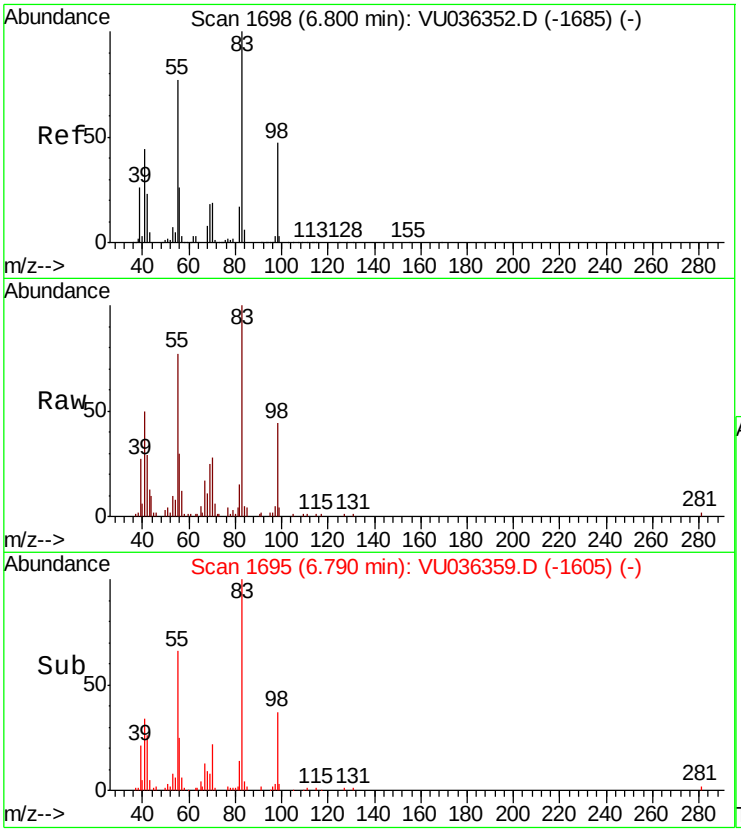
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Time: Dec 28 00:43:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 00:08:06 2019
Response via : Initial Calibration



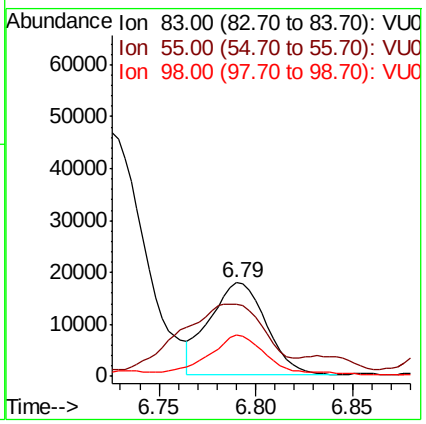


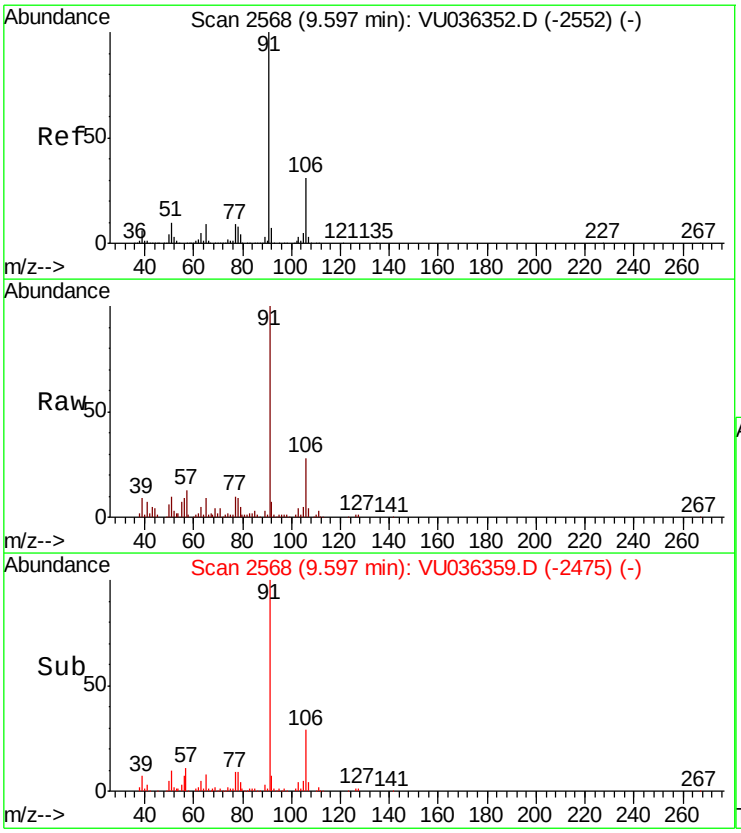
#35
Methylcyclohexane
Concen: 3.618 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.01 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
ETK90ME

Tgt Ion: 83 Resp: 36196

Ion	Ratio	Lower	Upper
83	100		
55	67.9	60.0	90.0
98	38.4	36.2	54.4

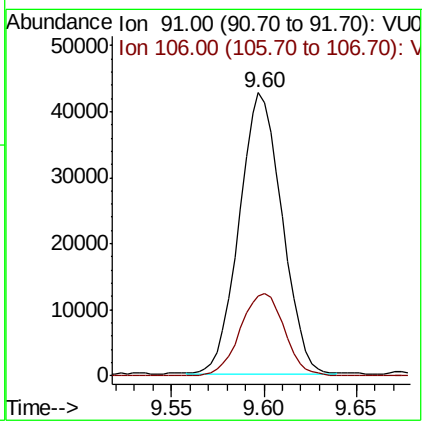


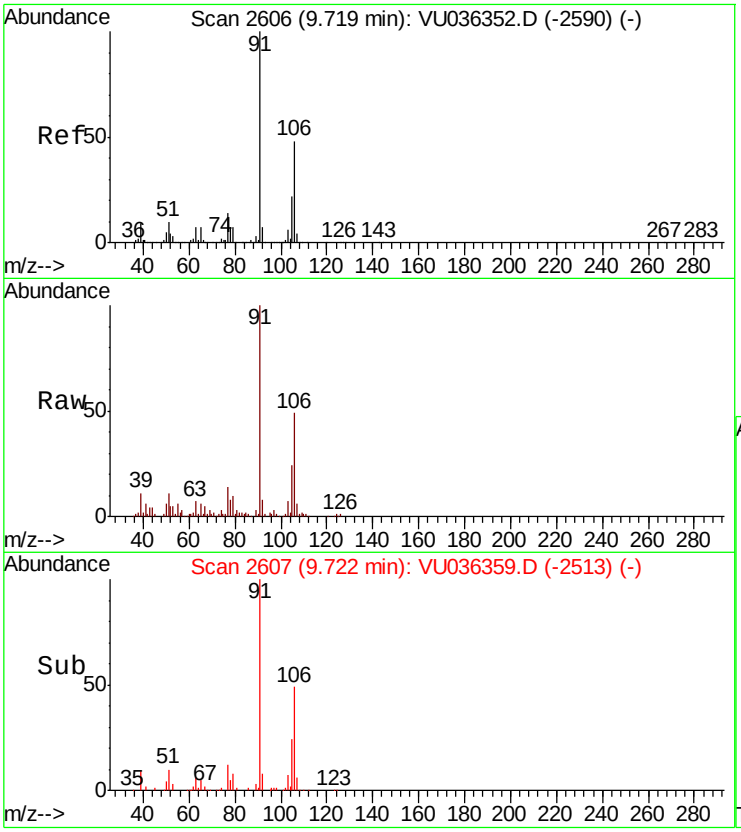


#52
Ethylbenzene
Concen: 2.257 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

Tgt Ion: 91 Resp: 68752

Ion	Ratio	Lower	Upper
91	100		
106	28.2	22.0	40.8



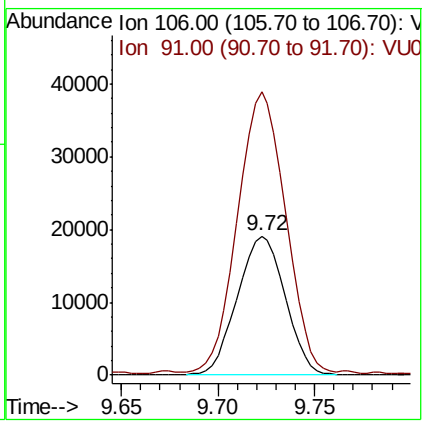


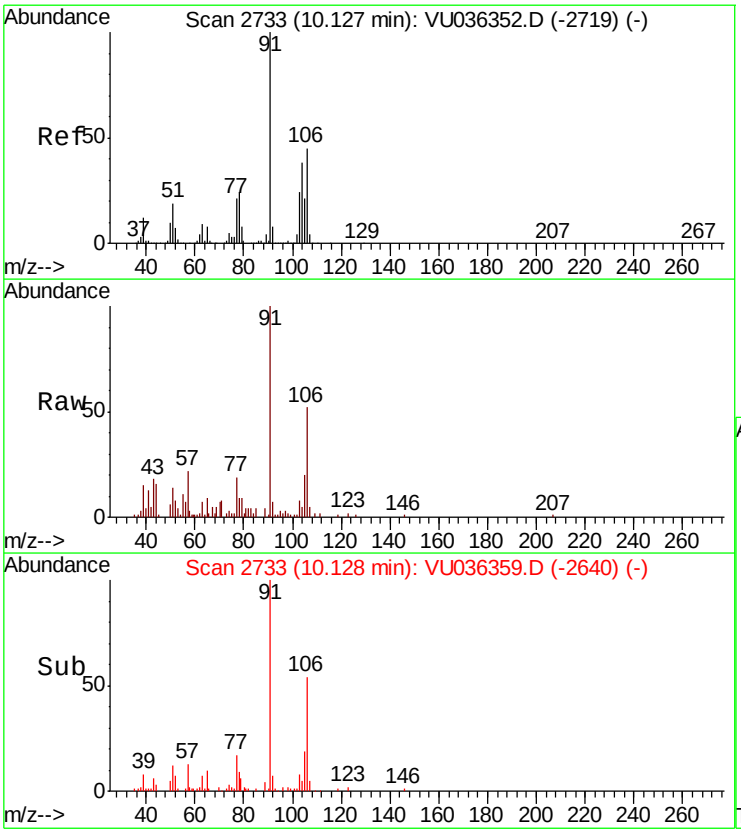
#53
m,p-Xylene
Concen: 2.904 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
ETK90ME

Tgt Ion:106 Resp: 32824

Ion	Ratio	Lower	Upper
106	100		
91	203.5	146.8	272.6

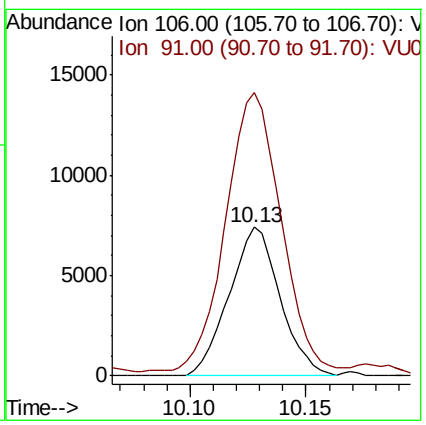


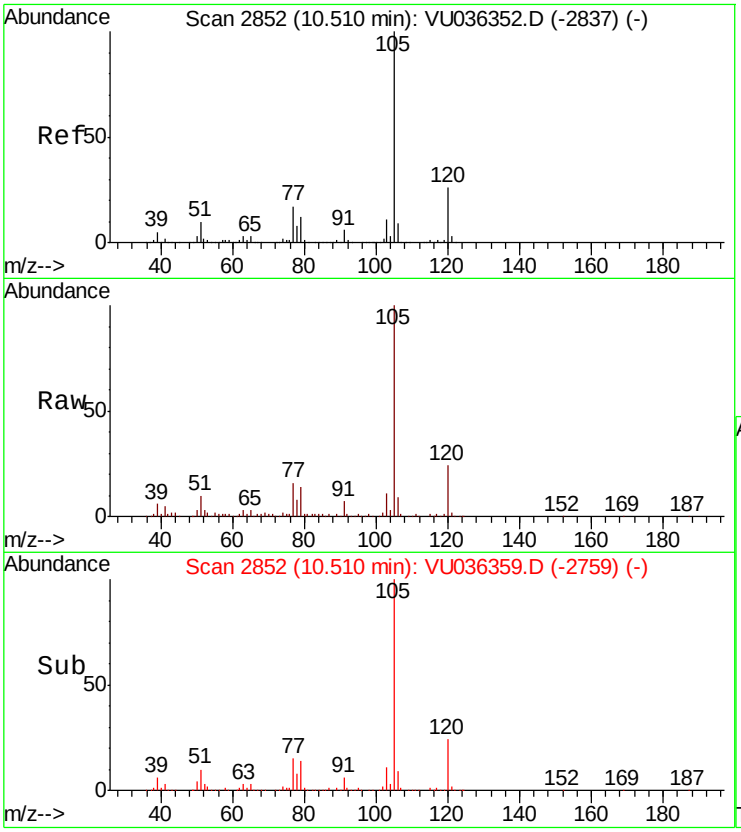


#54
o-xylene
Concen: 0.999 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

Tgt Ion:106 Resp: 11327

Ion	Ratio	Lower	Upper
106	100		
91	190.6	156.4	290.4





#56
Isopropylbenzene
Concen: 4.431 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
ETK90ME

Tgt Ion:105 Resp: 130963

Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.0	31.4
77	15.8	13.3	19.9