Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
Data File : VU036500.D
Acq On : 16 Jan 2020 14:07
Operator : JC/MD
Sample : L1109-10ME 4X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASG9ME

Manual Integrations APPROVED
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Quant Time: Jan 20 06:49:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:24:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	523328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	531505	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	288449	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	136961	40.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.74%			
7) Chloroethane-d5	1.90	69	136388	46.44	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.88%			
11) 1,1-Dichloroethene-d2	2.58	63	223111	34.25	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.50%			
21) 2-Butanone-d5	4.68	46	302788	103.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.80%			
24) Chloroform-d	5.11	84	329432m	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.54%			
26) 1,2-Dichloroethane-d4	5.74	65	226889	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.06%			
32) Benzene-d6	5.77	84	647849	46.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.22%			
36) 1,2-Dichloropropane-d6	6.73	67	215062	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.14%			
41) Toluene-d8	7.93	98	630805	47.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.96%			
43) trans-1,3-Dichloropropene-	8.21	79	115712	47.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.02%			
47) 2-Hexanone-d5	8.67	63	269417	116.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.30%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	374298	55.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.08%			
64) 1,2-Dichlorobenzene-d4	12.21	152	280498	49.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.74%			
Target Compounds						Qvalue
42) Toluene	8.00	91	60729	3.661	ug/L	97
52) Ethylbenzene	9.60	91	238478	12.871	ug/L	100
53) m,p-Xylene	9.72	106	236589	34.148	ug/L	99
54) o-xylene	10.12	106	604305	87.369	ug/L	98
55) Styrene	10.14	104	169417	15.102	ug/L #	73
56) Isopropylbenzene	10.51	105	63947	3.602	ug/L	98

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

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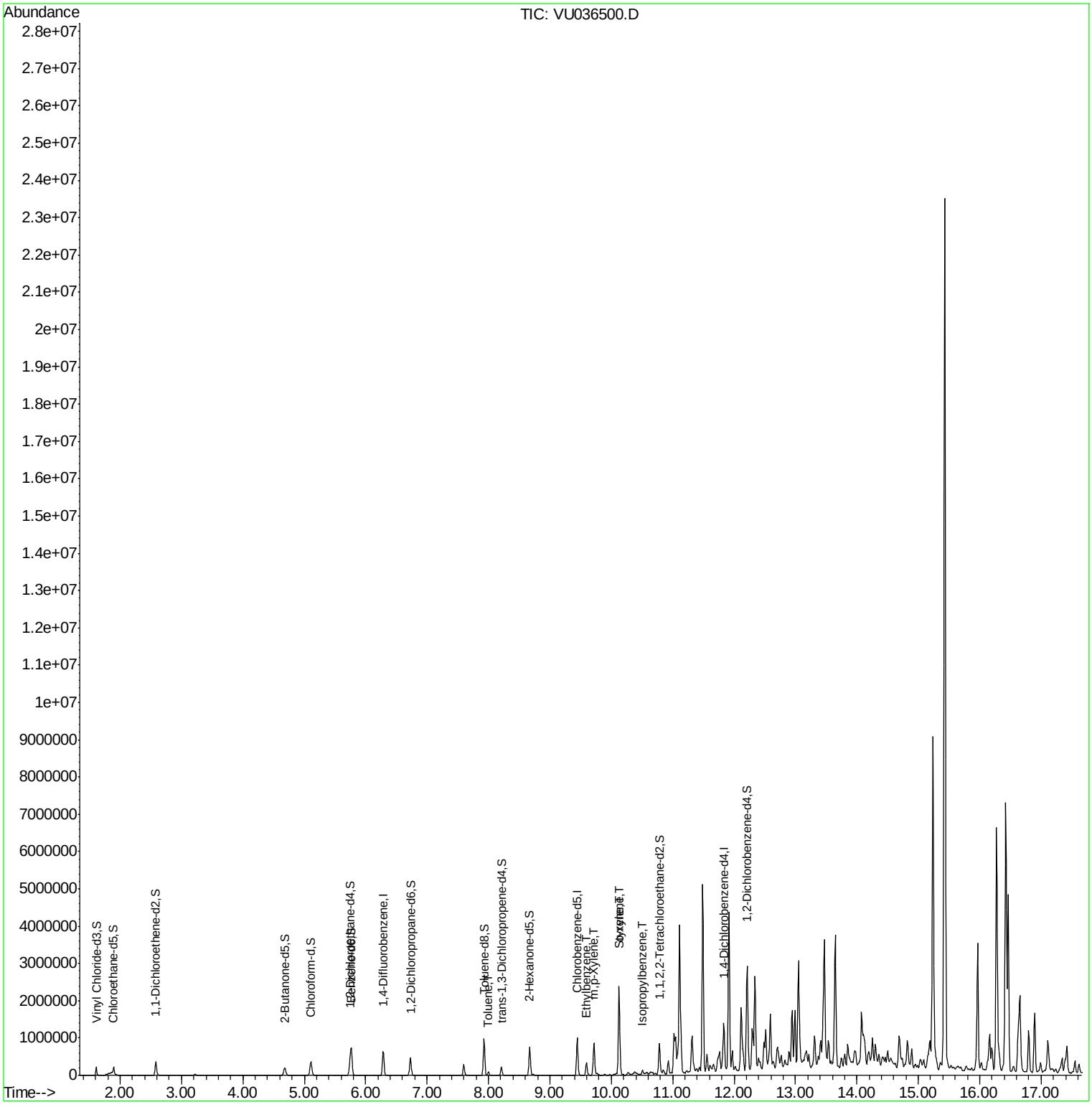
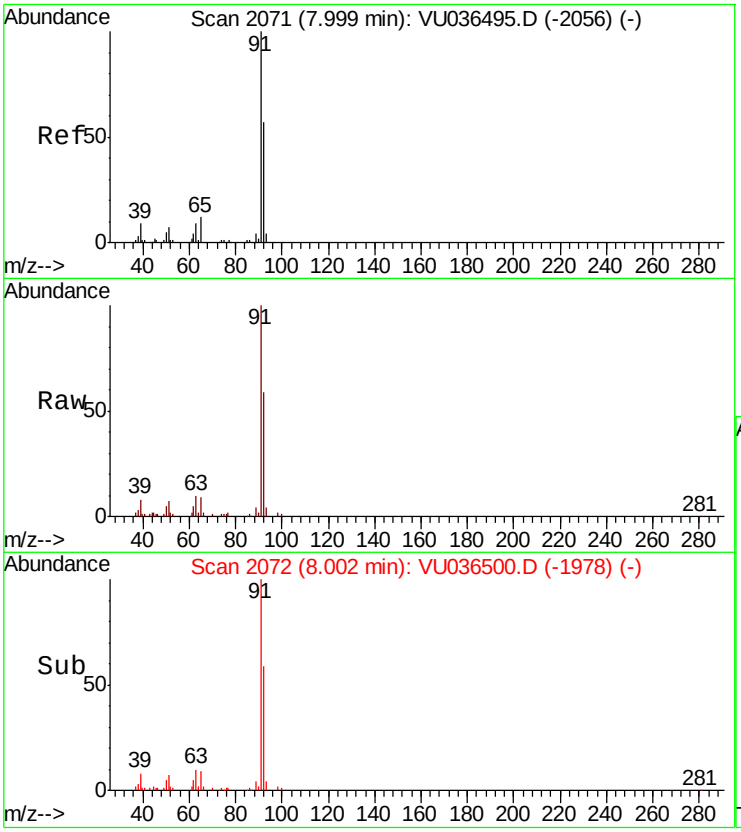
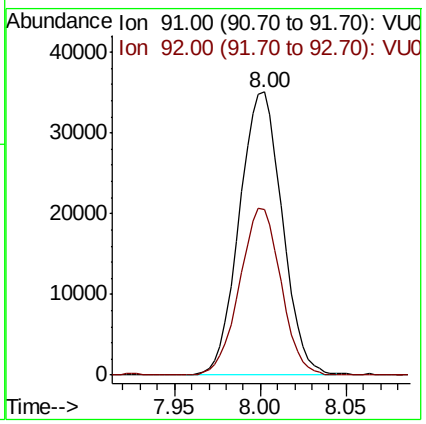




#42
Toluene
Concen: 3.661 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036500.D
Acq: 16 Jan 2020 14:07

Tgt Ion: 91 Resp: 60729

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.5	73.3



Instrument :
MSVOA_U
ClientSampleId :
GASG9ME

Manual Integrations APPROVED
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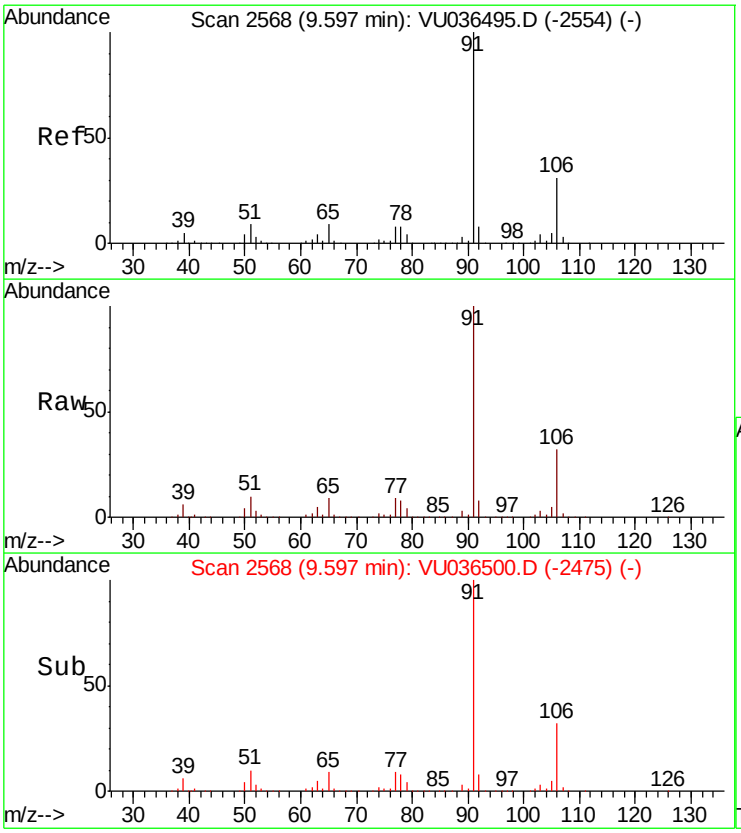
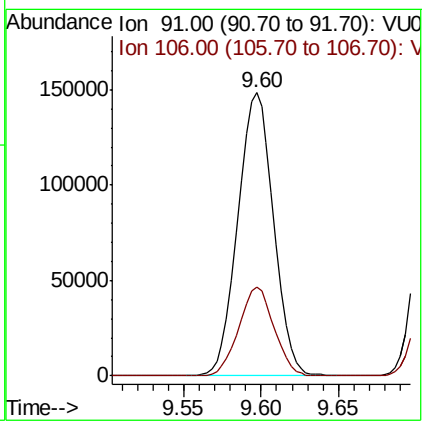
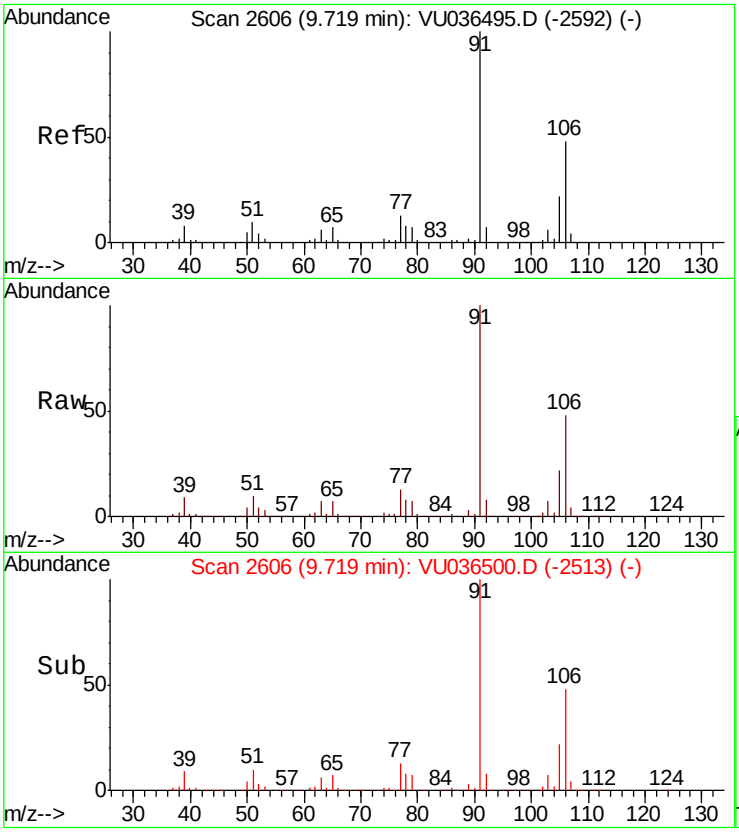


#52
Ethylbenzene
Concen: 12.871 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036500.D
Acq: 16 Jan 2020 14:07

Tgt Ion: 91 Resp: 238478

Ion	Ratio	Lower	Upper
91	100		
106	31.6	22.3	41.3

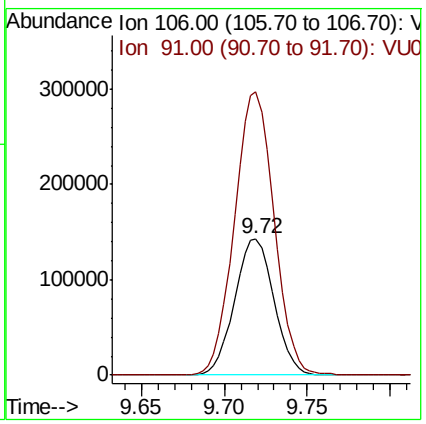




#53
m,p-Xylene
Concen: 34.148 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036500.D
Acq: 16 Jan 2020 14:07

Tgt Ion:106 Resp: 236589

Ion	Ratio	Lower	Upper
106	100		
91	207.1	145.9	270.9



Instrument :
MSVOA_U
ClientSampleId :
GASG9ME

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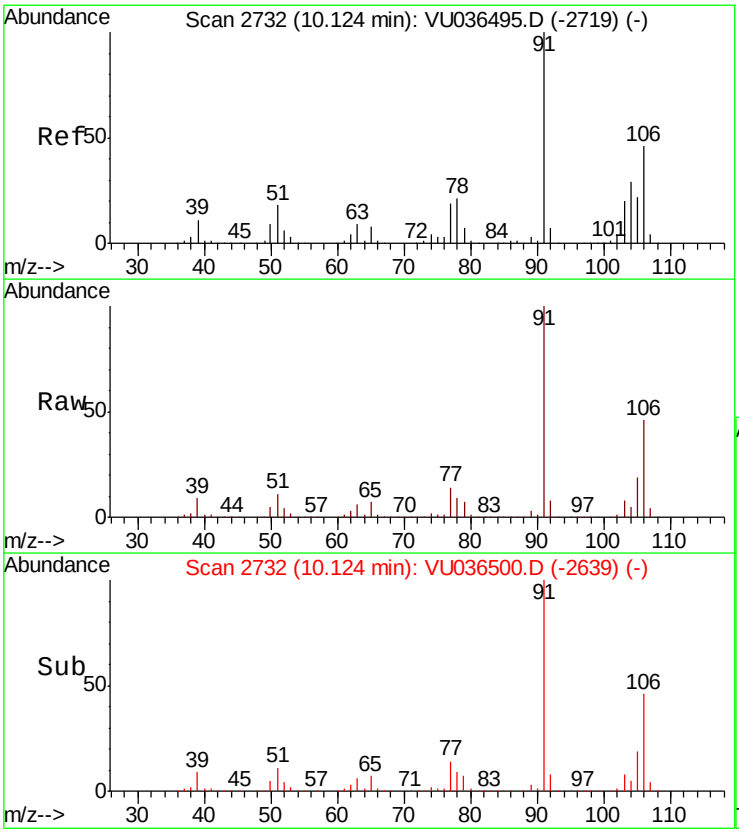
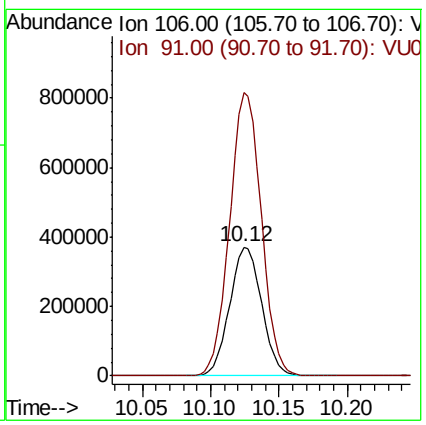
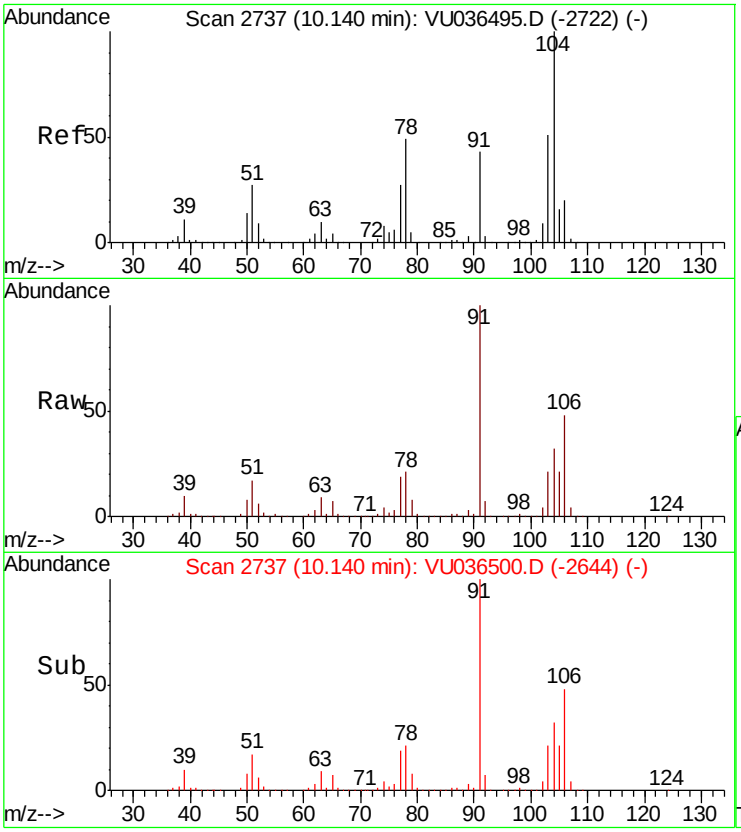


#54
o-xylene
Concen: 87.369 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036500.D
Acq: 16 Jan 2020 14:07

Tgt Ion:106 Resp: 604305

Ion	Ratio	Lower	Upper
106	100		
91	219.8	156.4	290.4





#55
Stvrene
Concen: 15.102 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036500.D
Acq: 16 Jan 2020 14:07

Tgt Ion:104 Resp: 169417

Ion	Ratio	Lower	Upper
104	100		
78	65.5	33.2	61.7#

Instrument :
MSVOA_U
ClientSampleId :
GASG9ME

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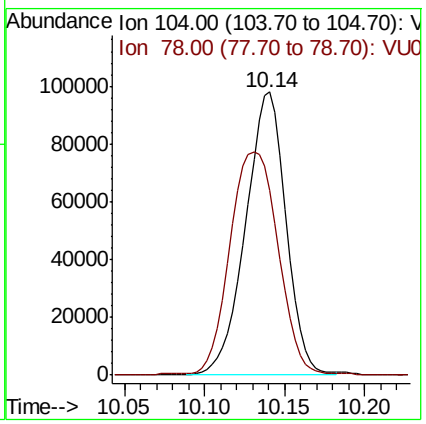

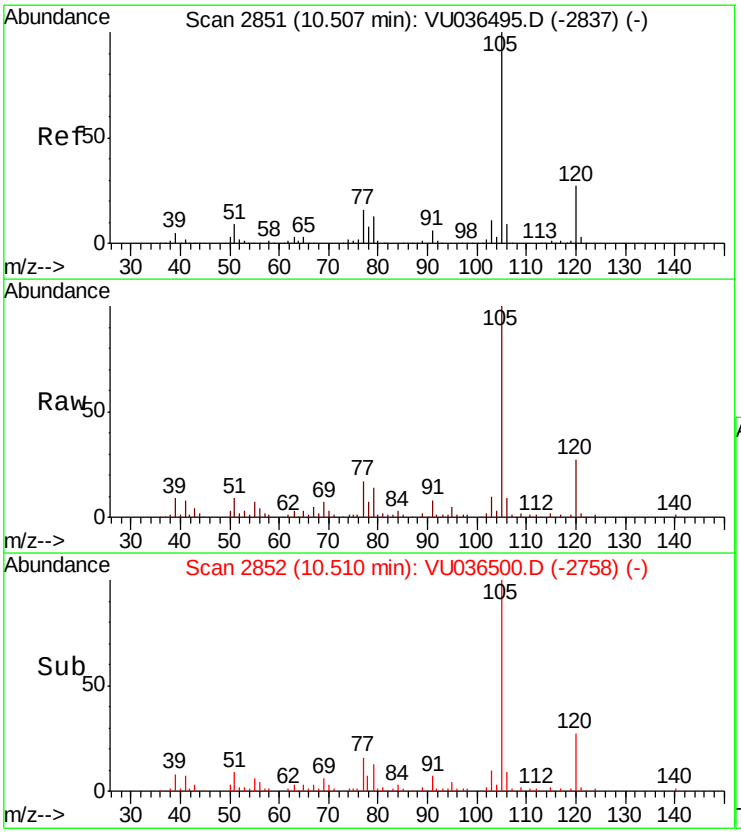

#56
Isopropylbenzene
Concen: 3.602 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036500.D
Acq: 16 Jan 2020 14:07

Tgt Ion:105 Resp: 63947

Ion	Ratio	Lower	Upper
105	100		
120	28.4	21.5	32.3
77	16.6	13.4	20.2