Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036754.D
Acq On : 12 Feb 2020 16:47
Operator : JC/MD
Sample : L1487-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCT8

Quant Time: Feb 13 02:59:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	126965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	118851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59722	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	47757	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.93	69	42905	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.59	63	65749	3.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.00%			
20) 2-Butanone-d5	4.67	46	114199	49.87	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.74%			
24) Chloroform-d	5.11	84	76857	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.74	65	46018	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.76	84	176113	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.73	67	56011	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.92	98	163488	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	8.20	79	20918	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.66	63	107515	52.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.62%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43365	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	55462	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
13) Acetone	2.66	43	8271	2.825	ug/L	100
42) Toluene	8.00	91	90607	2.301	ug/L	96
52) Ethylbenzene	9.59	91	642209	14.604	ug/L	99
53) m,p-Xylene	9.71	106	596540	36.862	ug/L	95
54) o-Xylene	10.12	106	254101	15.989	ug/L	95
56) Isopropylbenzene	10.50	105	67361	1.584	ug/L	99

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

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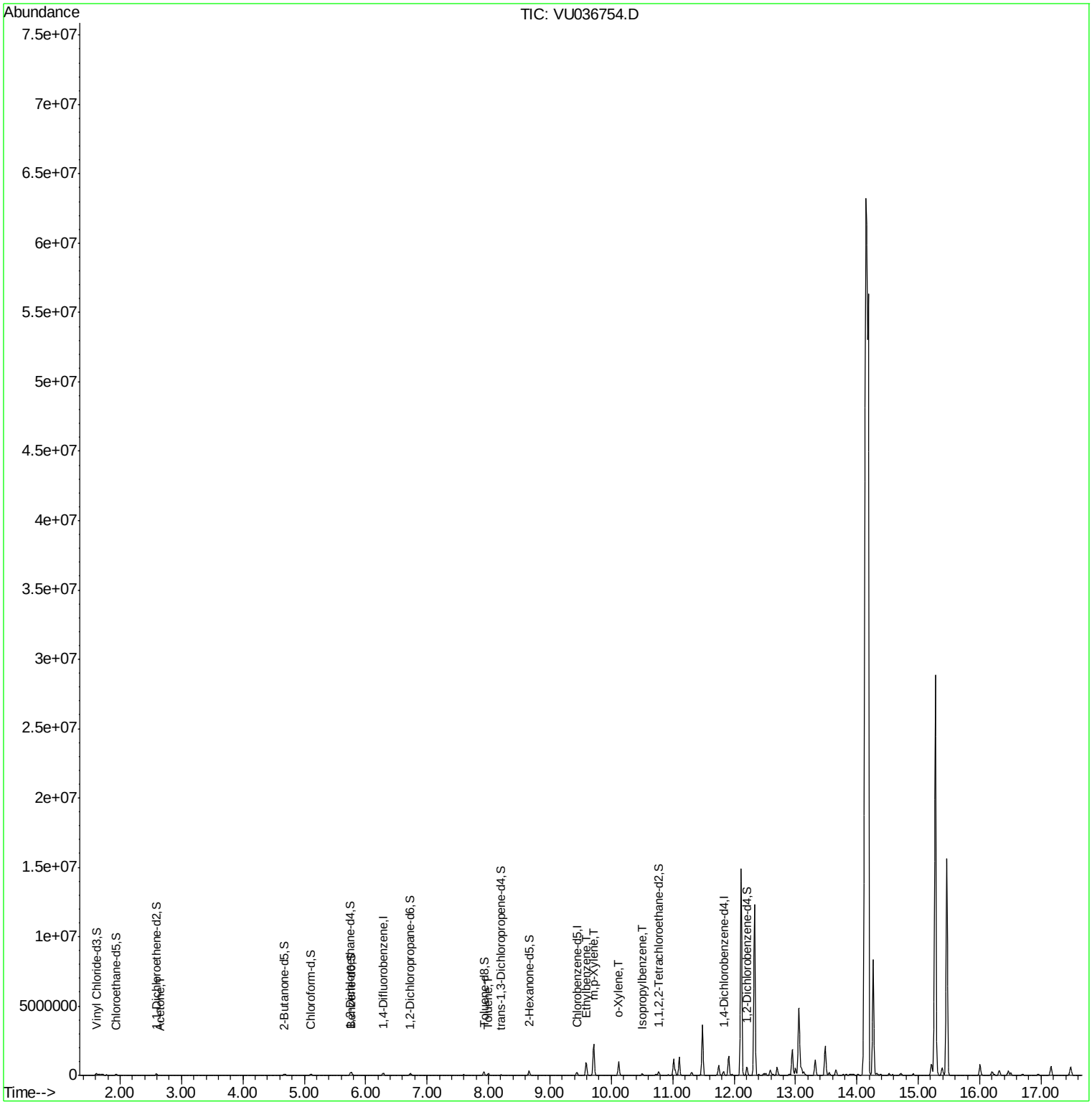
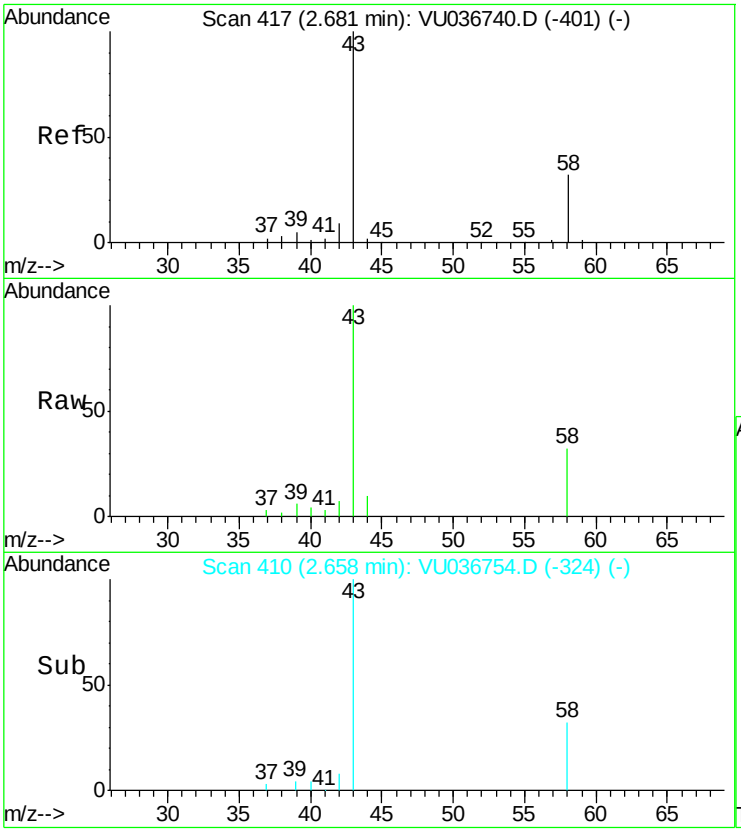


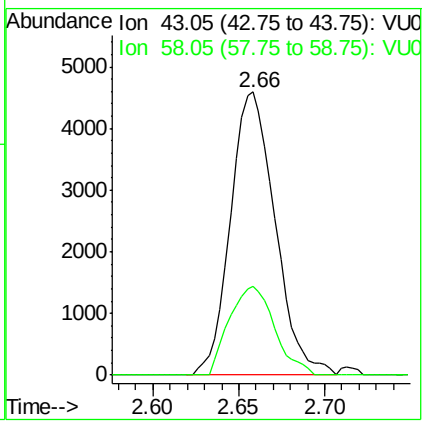


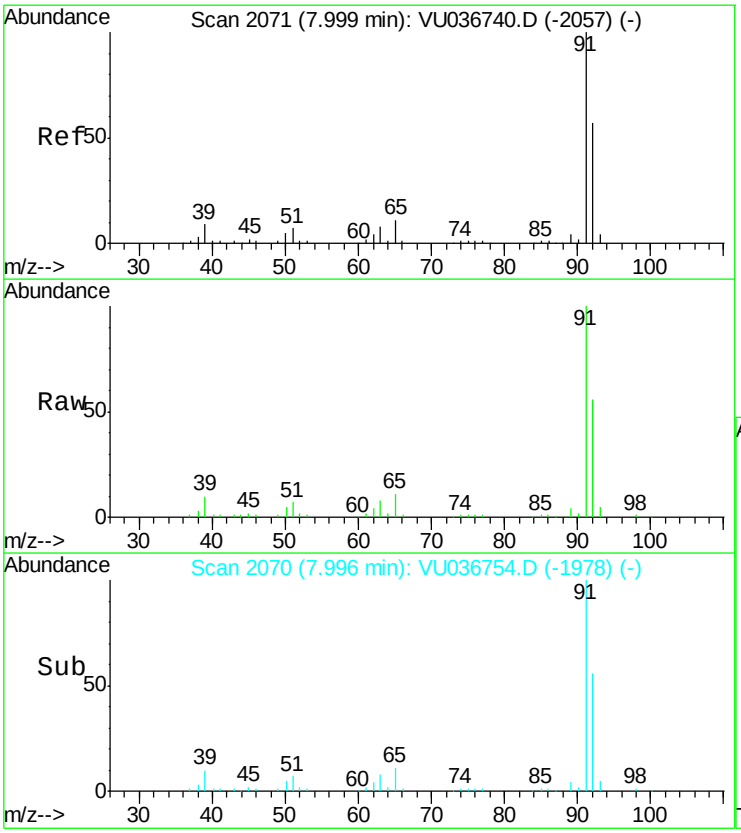
#13
Acetone
Concen: 2.825 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.02 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Instrument :
MSVOA_U
ClientSampleId :
DBCT8

Tgt Ion: 43 Resp: 8271

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	64.2

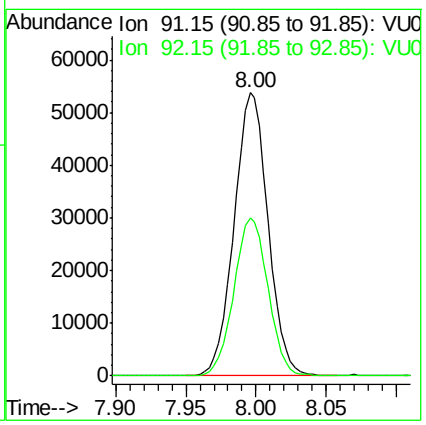


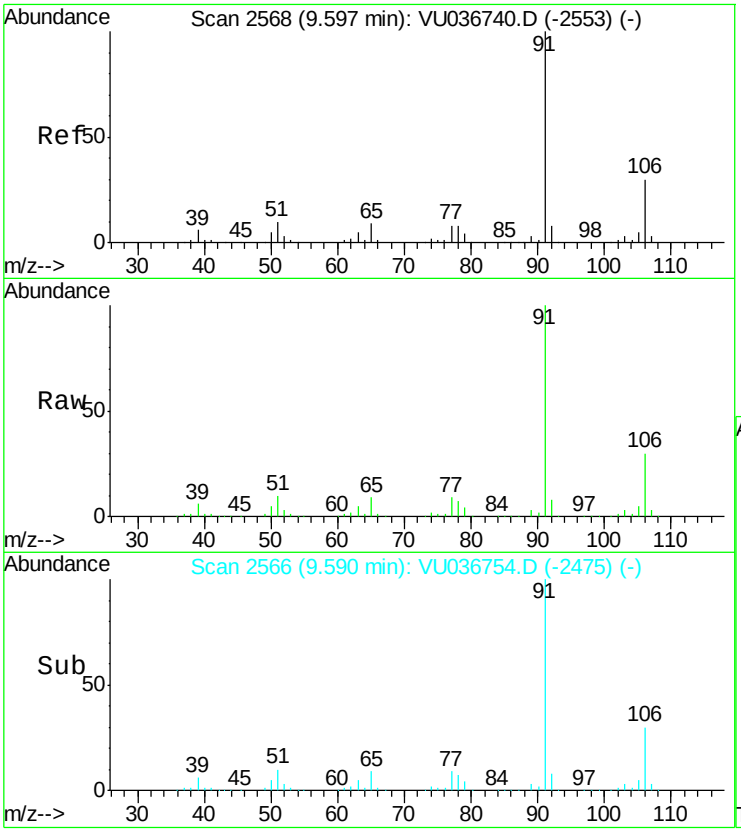


#42
Toluene
Concen: 2.301 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Tgt Ion: 91 Resp: 90607

Ion	Ratio	Lower	Upper
91	100		
92	56.0	41.2	76.4



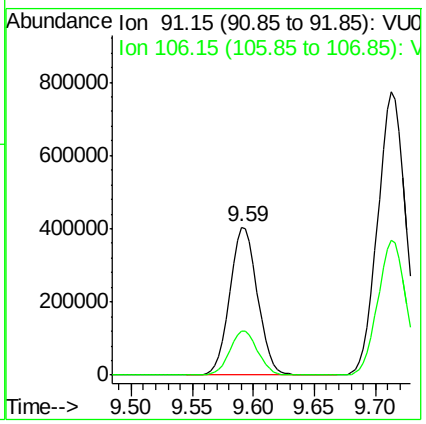


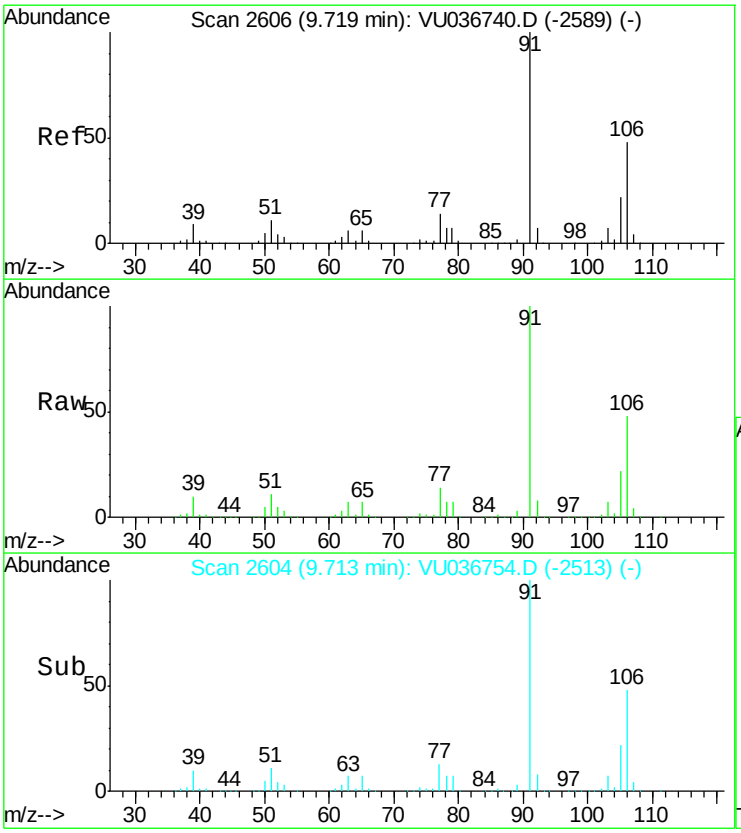
#52
Ethylbenzene
Concen: 14.604 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.01 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Instrument : MSVOA_U
ClientSampleId : DBCT8

Tgt Ion: 91 Resp: 642209

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.5	39.9

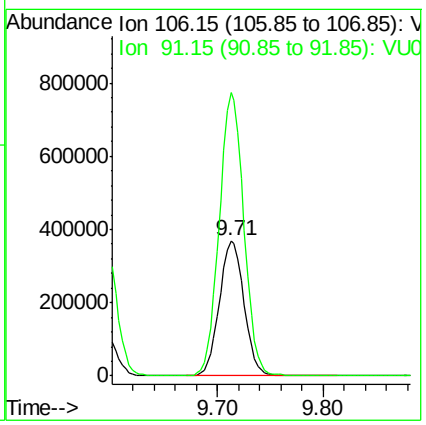


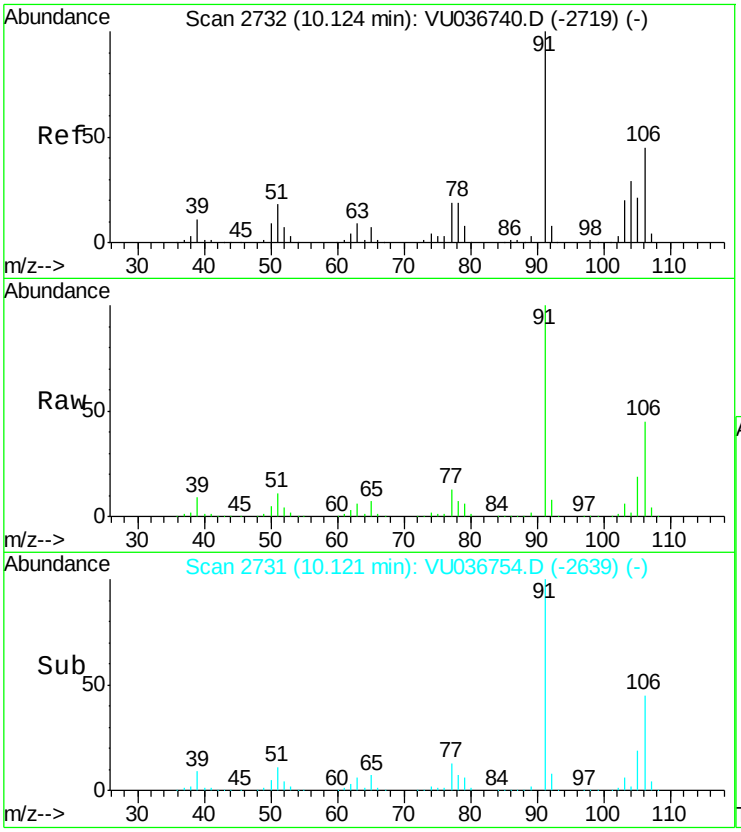


#53
m,p-Xylene
Concen: 36.862 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.01 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Tgt Ion:106 Resp: 596540

Ion	Ratio	Lower	Upper
106	100		
91	209.7	141.1	262.0



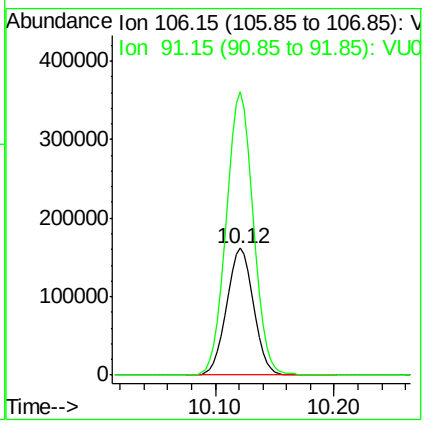


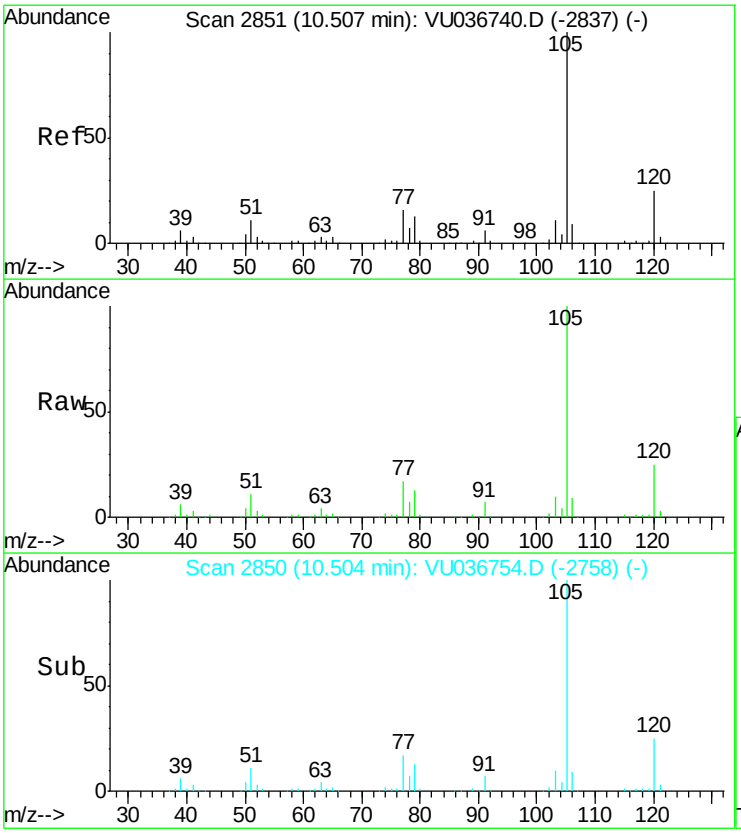
#54
o-Xylene
Concen: 15.989 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Instrument :
MSVOA_U
ClientSampleId :
DBCT8

Tgt Ion:106 Resp: 254101

Ion	Ratio	Lower	Upper
106	100		
91	223.0	151.1	280.5





#56
Isopropylbenzene
Concen: 1.584 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036754.D
Acq: 12 Feb 2020 16:47

Tgt Ion:105 Resp: 67361

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7
77	16.8	13.0	19.6