Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\
Data File : VU036773.D
Acq On : 13 Feb 2020 15:43
Operator : JC/MD
Sample : L1487-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCX2

Quant Time: Feb 14 01:23:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	130761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57305	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	46197	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.93	69	42686	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.59	63	65948	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	4.67	46	118570	50.28	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.56%			
24) Chloroform-d	5.11	84	76669	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.74	65	46746	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.76	84	177819	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.73	67	56613	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.93	98	162064	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	8.20	79	20888	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.66	63	106831	51.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.80%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43157	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	55430	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
13) Acetone	2.66	43	3737	1.239	ug/L	96
42) Toluene	8.00	91	20081	0.504	ug/L	98
52) Ethylbenzene	9.59	91	105717	2.377	ug/L	99
53) m,p-Xylene	9.71	106	55660	3.401	ug/L	94
54) o-Xylene	10.12	106	33075	2.058	ug/L	99
56) Isopropylbenzene	10.50	105	16082	0.374	ug/L	99

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
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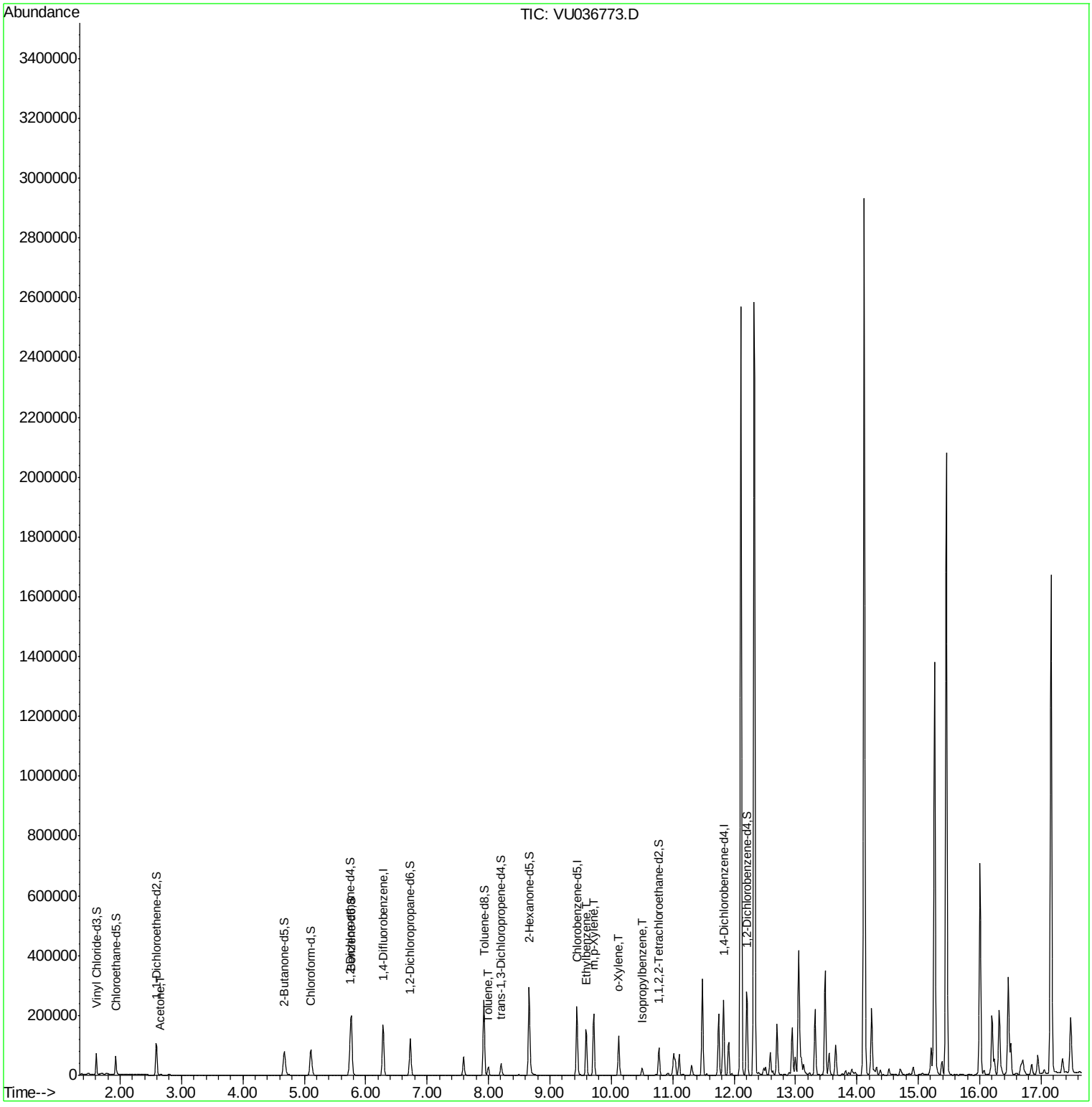
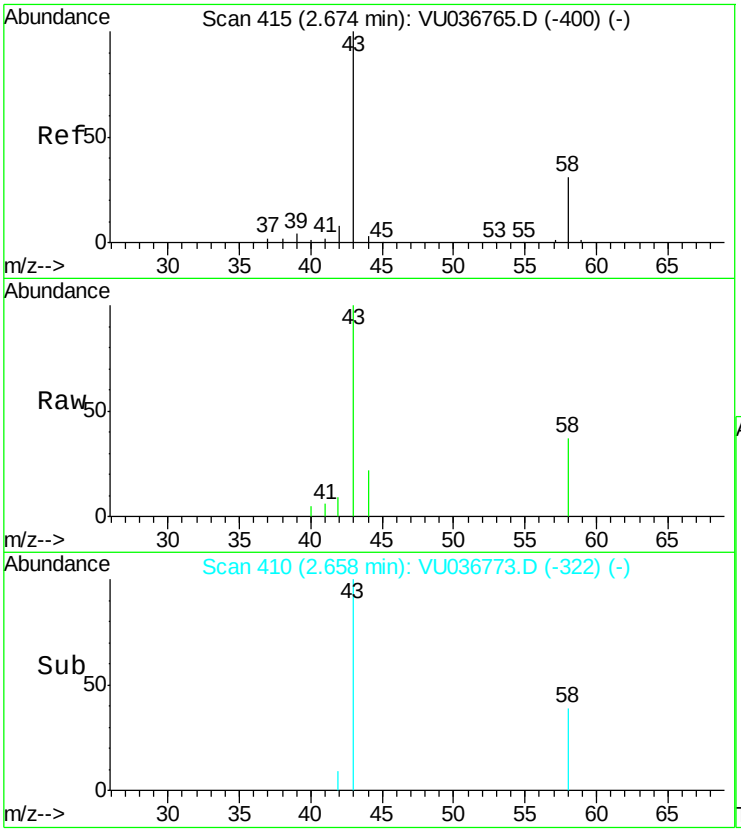


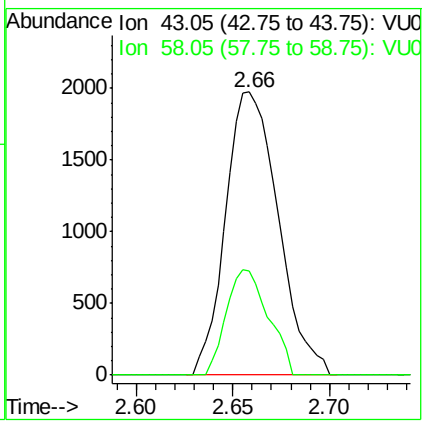


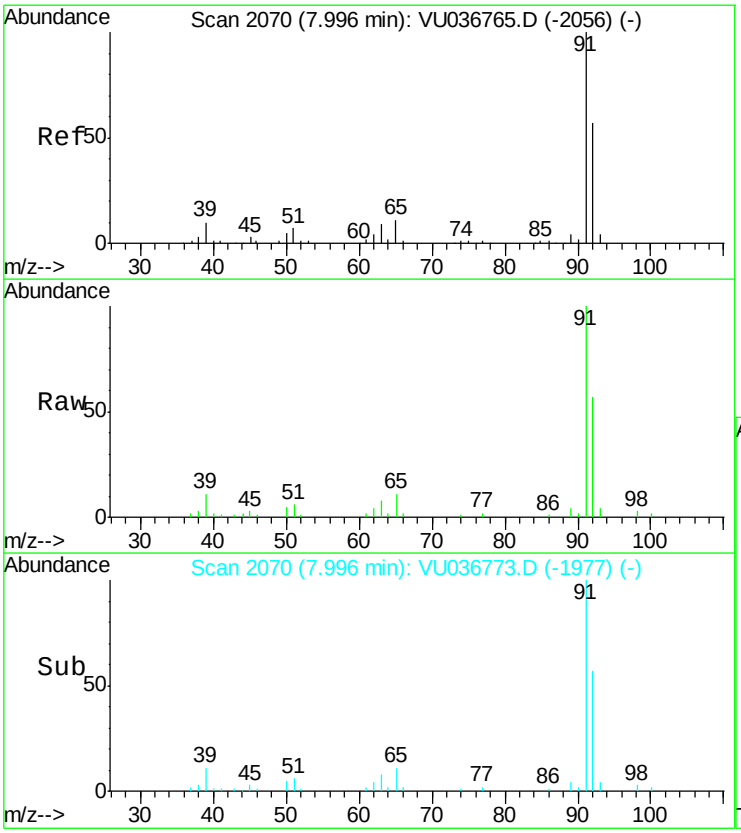
#13
Acetone
Concen: 1.239 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.02 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Instrument : MSVOA_U
ClientSampleId : DBCX2

Tgt Ion: 43 Resp: 3737

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	64.2

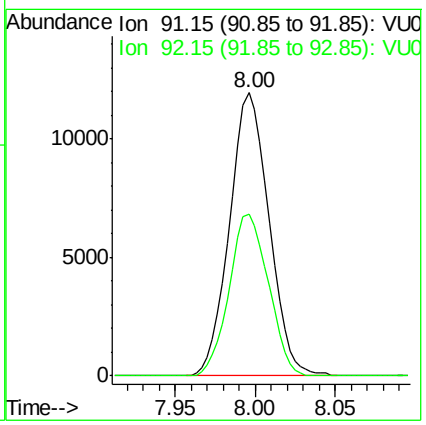


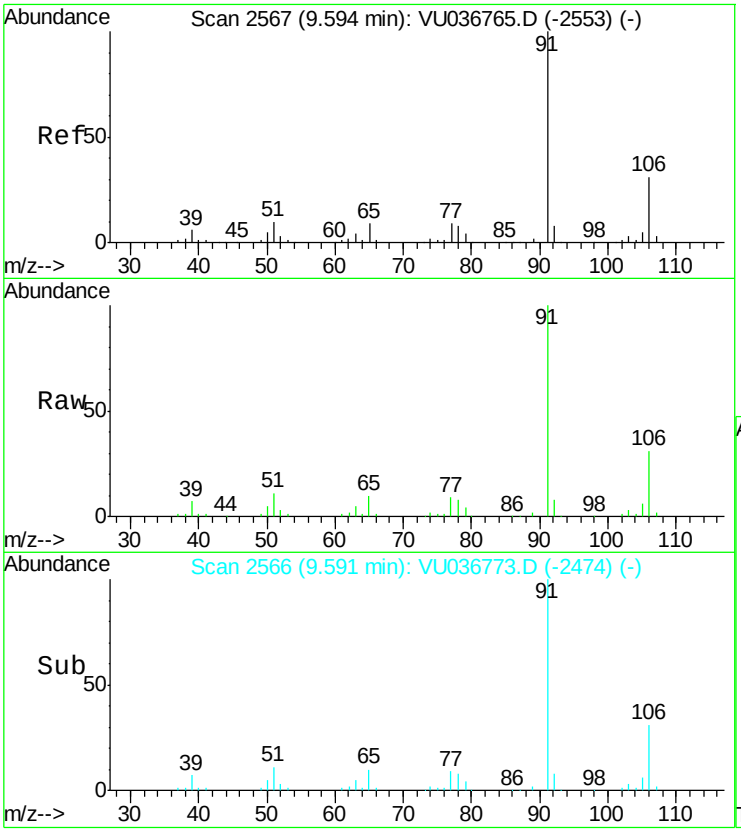


#42
Toluene
Concen: 0.504 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Tgt Ion: 91 Resp: 20081

Ion	Ratio	Lower	Upper
91	100		
92	57.4	41.2	76.4



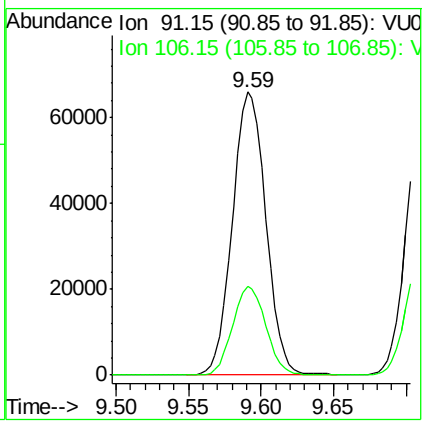


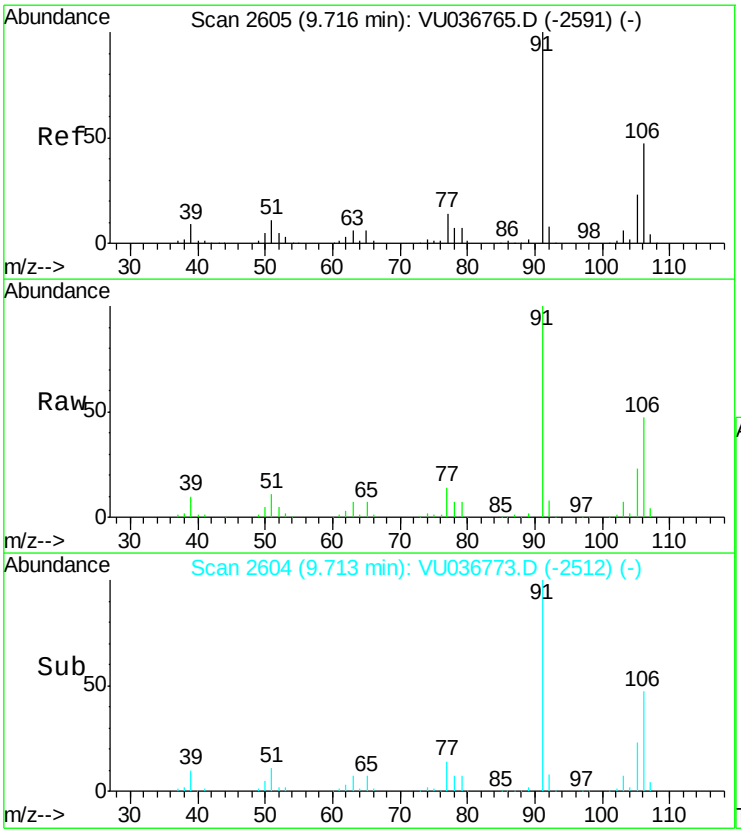
#52
Ethylbenzene
Concen: 2.377 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Instrument : MSVOA_U
ClientSampleId : DBCX2

Tgt Ion: 91 Resp: 105717

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.5	39.9

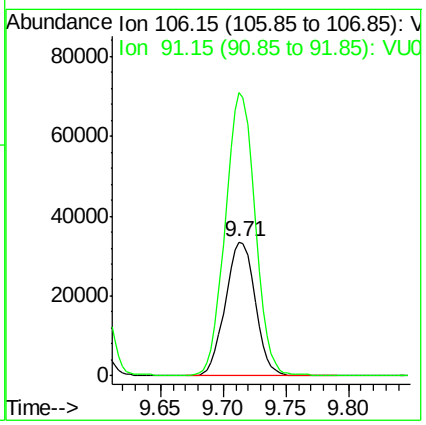


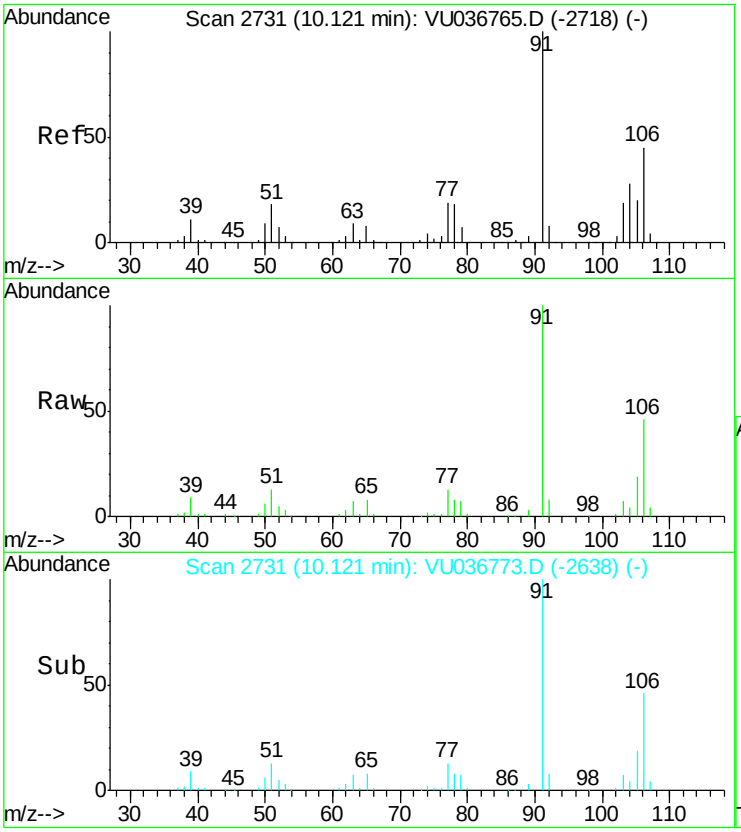


#53
m,p-Xylene
Concen: 3.401 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Tgt Ion:106 Resp: 55660

Ion	Ratio	Lower	Upper
106	100		
91	211.3	141.1	262.0



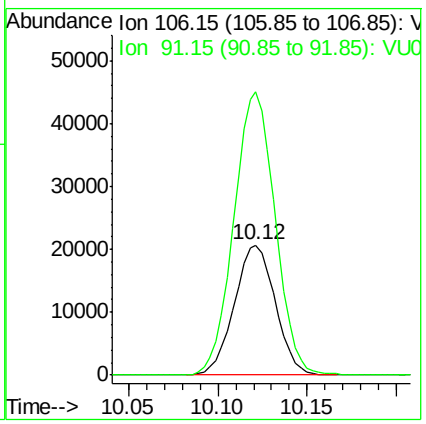


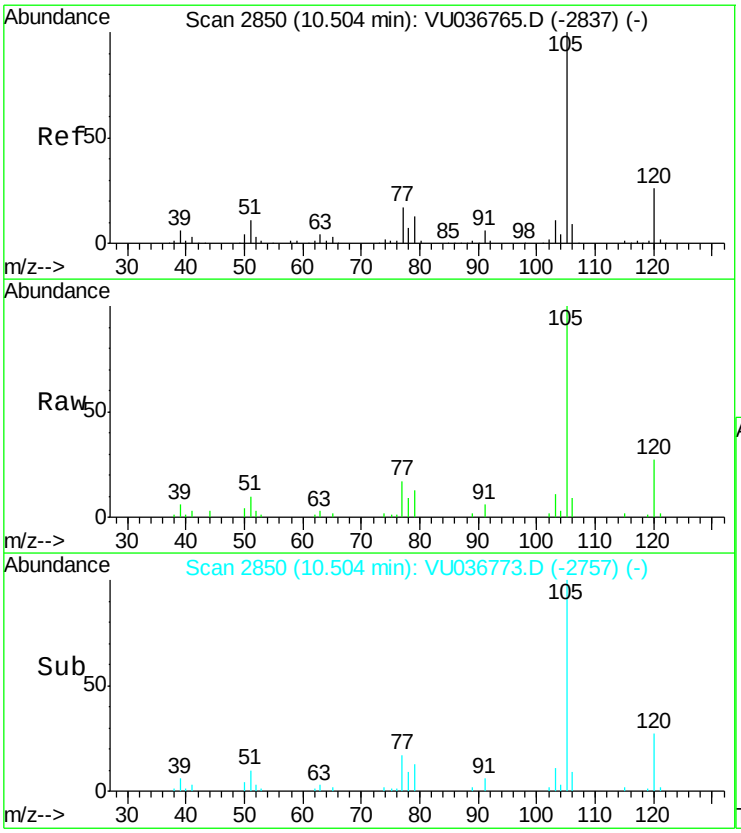
#54
o-Xylene
Concen: 2.058 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Instrument :
MSVOA_U
ClientSampleId :
DBCX2

Tgt Ion:106 Resp: 33075

Ion	Ratio	Lower	Upper
106	100		
91	217.8	151.1	280.5





#56
Isopropylbenzene
Concen: 0.374 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Tgt Ion:105 Resp: 16082

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.5	30.7
77	16.4	13.0	19.6