Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037678.D
Acq On : 10 Apr 2020 17:12
Operator : JC/MD
Sample : L2176-07MEDL 4X
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J3MEDL

Quant Time: Apr 11 03:30:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 23:26:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	754700	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	734540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	374407	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	241636	36.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.26%			
7) Chloroethane-d5	1.90	69	217341	40.76	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.52%			
11) 1,1-Dichloroethene-d2	2.58	63	334014	31.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.14%			
21) 2-Butanone-d5	4.66	46	536878	100.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.44%			
24) Chloroform-d	5.10	84	474164	47.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.64%			
26) 1,2-Dichloroethane-d4	5.74	65	333485	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.02%			
32) Benzene-d6	5.76	84	1026298	47.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.98%			
36) 1,2-Dichloropropane-d6	6.72	67	350475	48.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.44%			
41) Toluene-d8	7.92	98	957204	47.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.54%			
43) trans-1,3-Dichloropropene-	8.20	79	184064	47.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.66%			
47) 2-Hexanone-d5	8.65	63	454173	110.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.28%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	549986	54.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.26%			
64) 1,2-Dichlorobenzene-d4	12.20	152	384594	49.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.72%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.79	83	13622	1.395	ug/L	93
53) m,p-Xylene	9.71	106	474273	46.916	ug/L	100
56) Isopropylbenzene	10.50	105	31239	1.197	ug/L #	95

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

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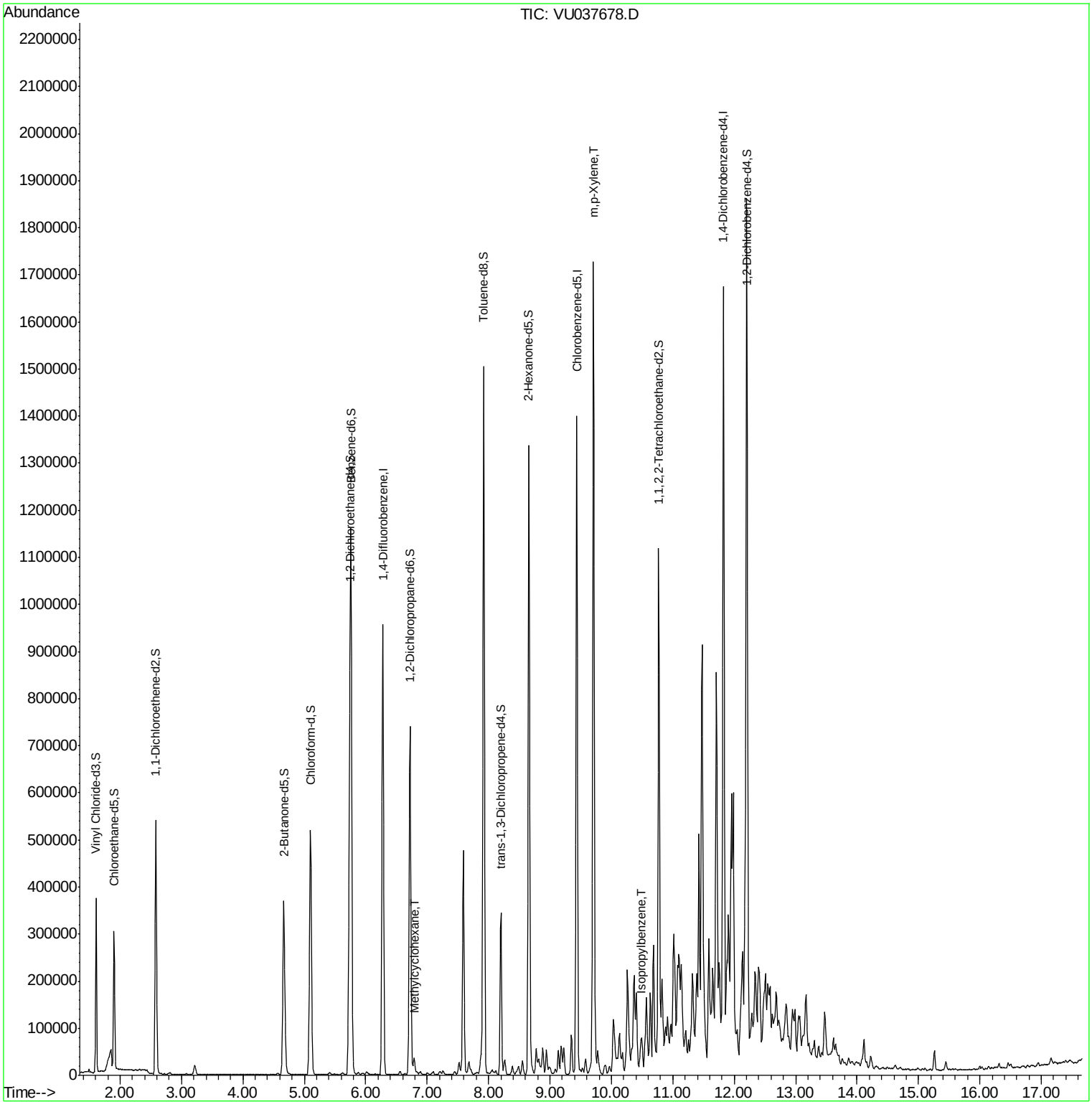
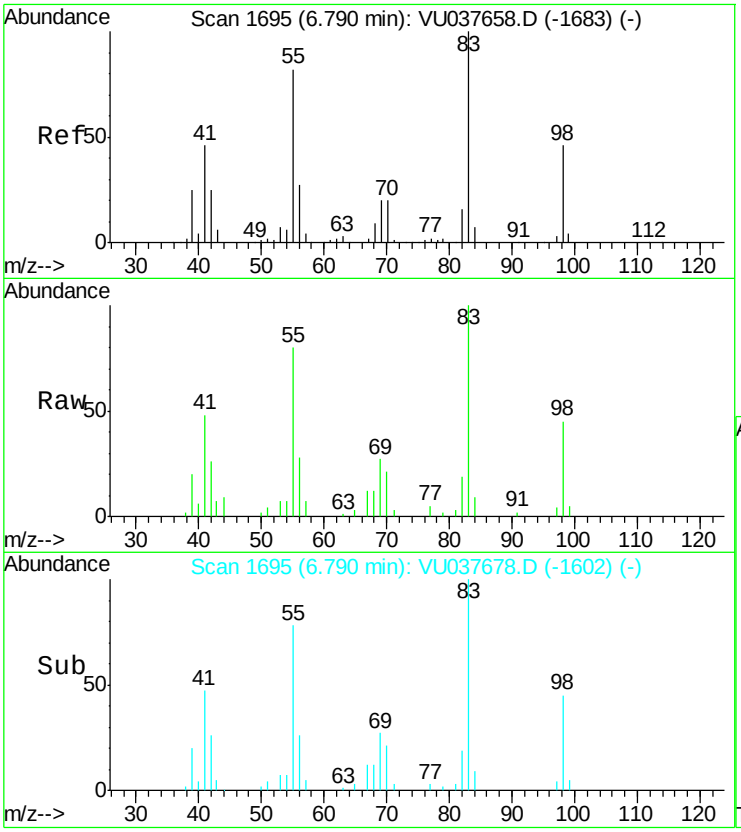


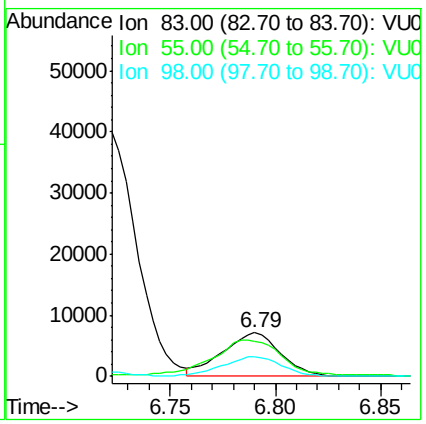


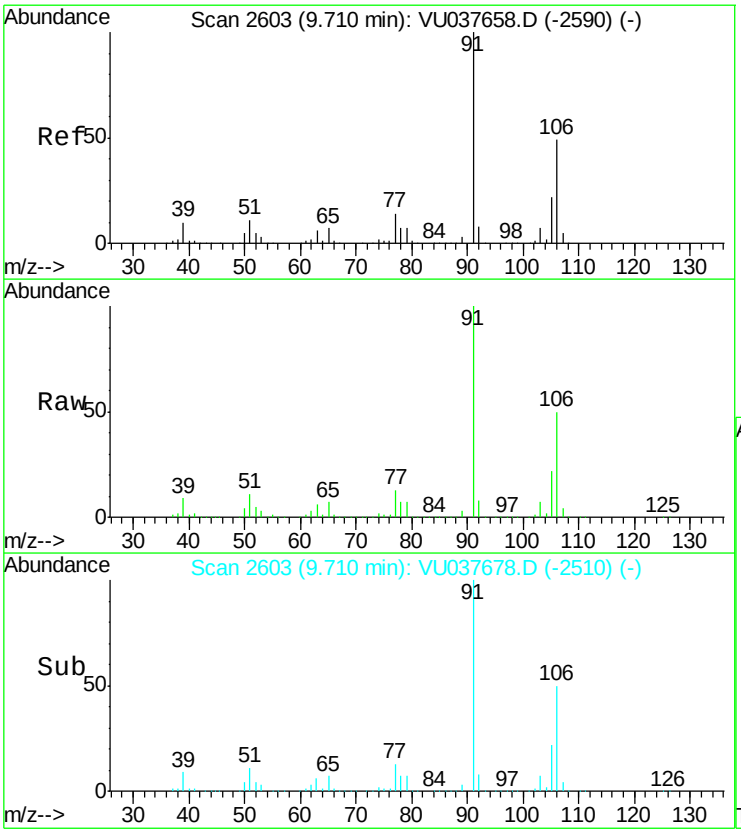
#35
Methylcyclohexane
Concen: 1.395 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

Instrument :
MSVOA_U
ClientSampleId :
BG2J3MEDL

Tgt Ion: 83 Resp: 13622

Ion	Ratio	Lower	Upper
83	100		
55	90.3	64.6	96.8
98	46.6	38.0	57.0

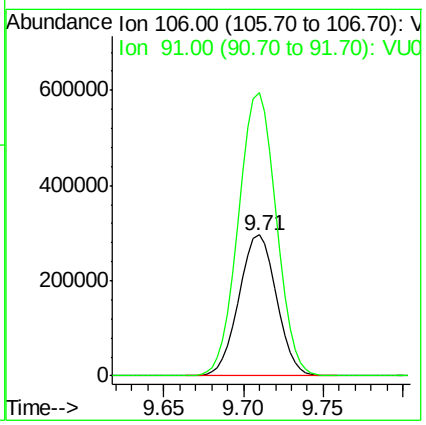


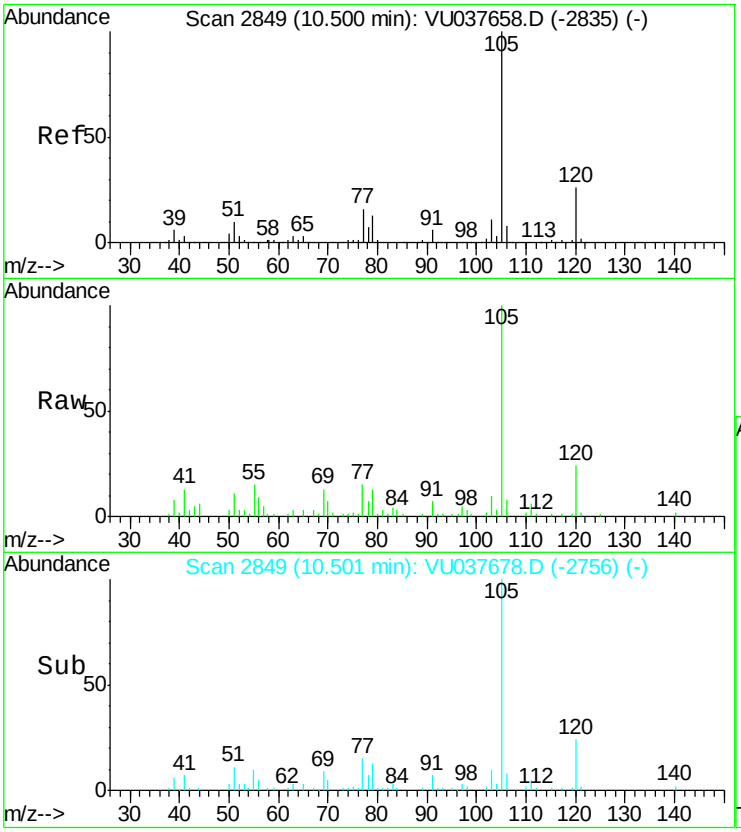


#53
m,p-Xylene
Concen: 46.916 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

Tgt Ion:106 Resp: 474273

Ion	Ratio	Lower	Upper
106	100		
91	200.5	140.8	261.6





#56
Isopropylbenzene
Concen: 1.197 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

Instrument :
MSVOA_U
ClientSampleId :
BG2J3MEDL

Tgt Ion:105 Resp: 31239

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.7	31.1
77	20.0	12.7	19.1#