Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037677.D
Acq On : 10 Apr 2020 16:50
Operator : JC/MD
Sample : L2176-04ME
Misc : 2.06/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Quant Time: Apr 11 02:59:32 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	695678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	669949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	393113	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	167336	27.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 55.04%#			
7) Chloroethane-d5	1.88	69	117638	23.94	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 47.88%#			
11) 1,1-Dichloroethene-d2	2.56	63	237707	23.99	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.98%#			
21) 2-Butanone-d5	4.67	46	343394	69.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 69.69%			
24) Chloroform-d	5.10	84	325533	35.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.24%			
26) 1,2-Dichloroethane-d4	5.74	65	236626	38.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.22%			
32) Benzene-d6	5.75	84	735245	37.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.60%			
36) 1,2-Dichloropropane-d6	6.72	67	258231	39.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.72%			
41) Toluene-d8	7.92	98	716497	39.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.42%#			
43) trans-1,3-Dichloropropene-	8.20	79	134968	38.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.12%			
47) 2-Hexanone-d5	8.67	63	334129	88.95	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.95%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	367507	39.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.32%			
64) 1,2-Dichlorobenzene-d4	12.21	152	337520	41.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.52%			
Target Compounds						Qvalue
29) Cyclohexane	5.41	56	11418	1.239	ug/L	92
35) Methylcyclohexane	6.78	83	474879	53.326	ug/L #	84
42) Toluene	8.00	91	21558	0.995	ug/L	98
52) Ethylbenzene	9.59	91	36940	1.521	ug/L	96
53) m,p-Xylene	9.72	106	24770	2.687	ug/L	79
56) Isopropylbenzene	10.50	105	404022	16.969	ug/L	97

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

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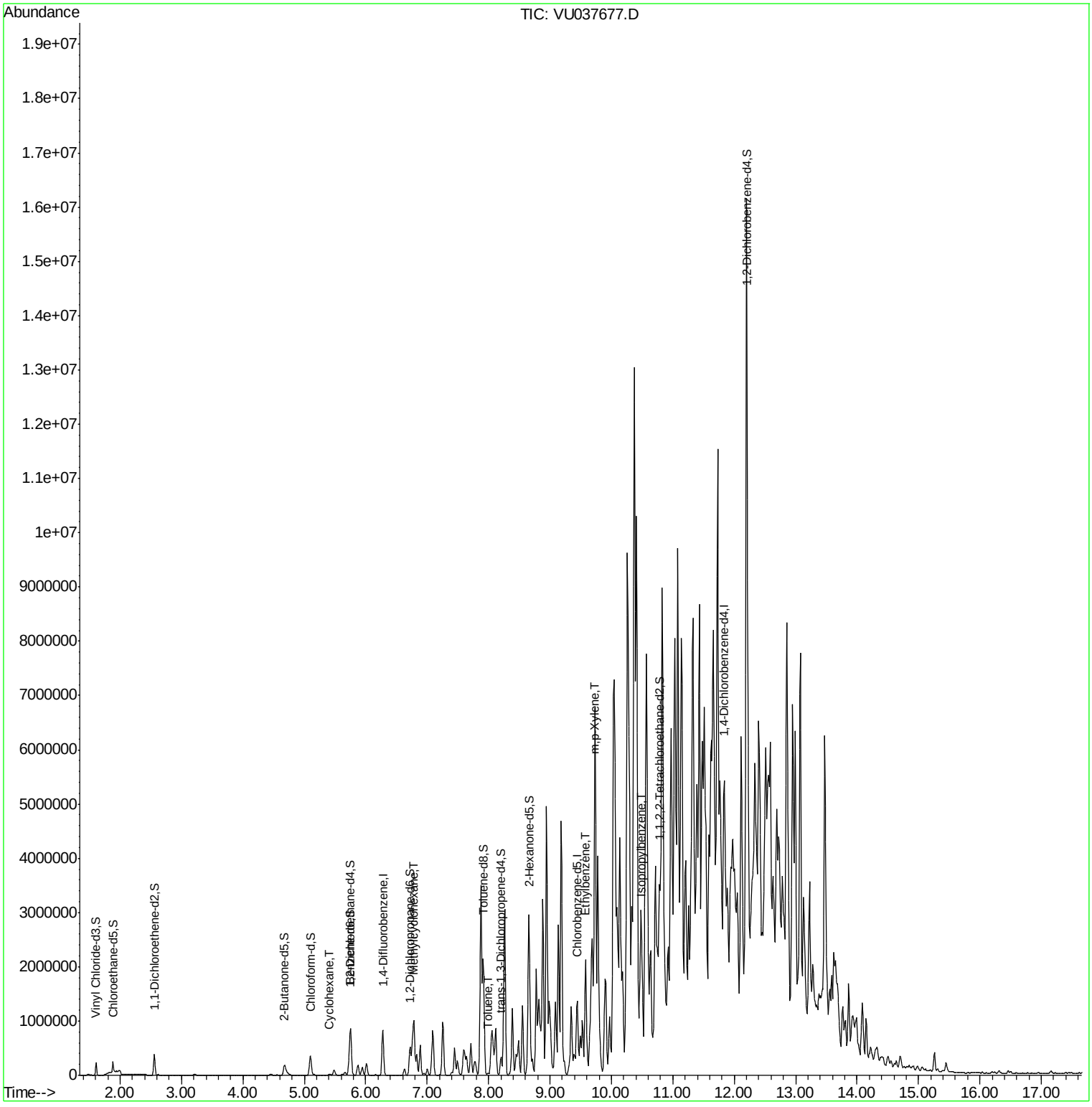
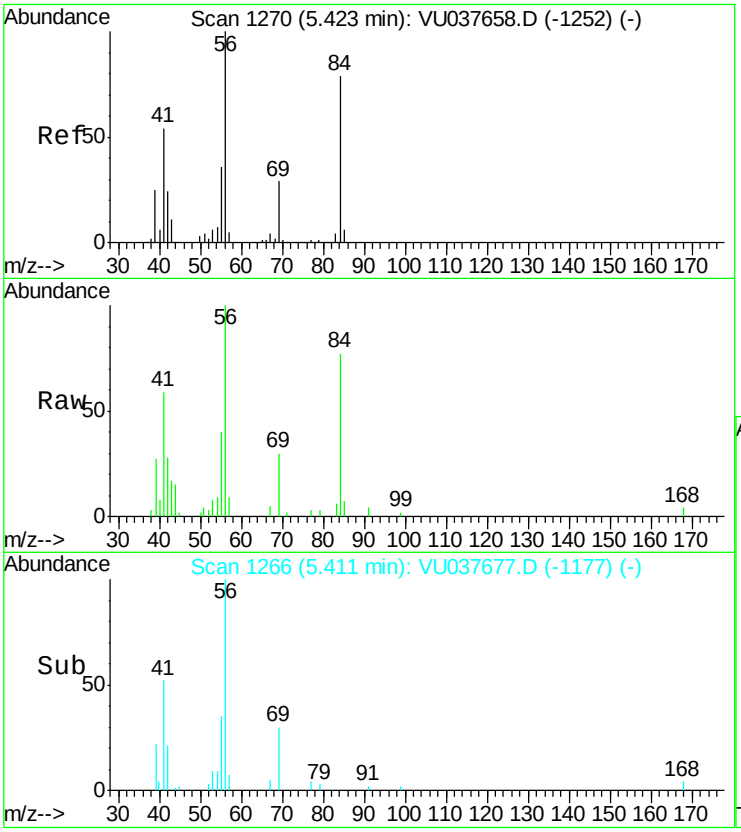


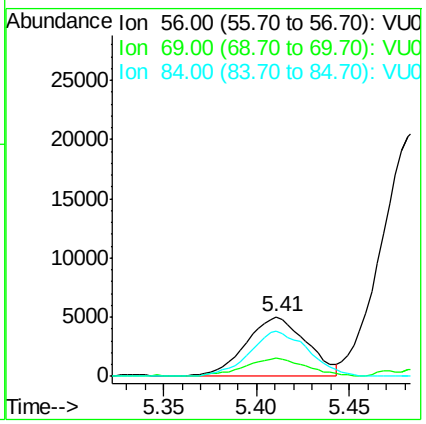


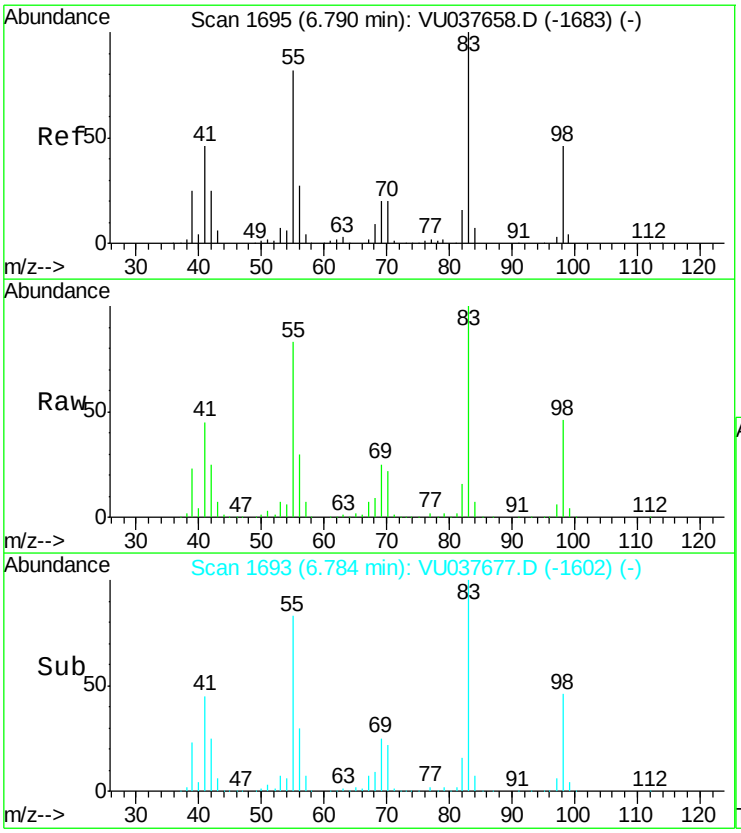
#29
Cyclohexane
Concen: 1.239 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VU037677.D
Acq: 10 Apr 2020 16:50

Instrument : MSVOA_U
ClientSampleId : BG2J0ME

Tgt Ion: 56 Resp: 11418

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.0	36.0
84	73.9	66.3	99.5

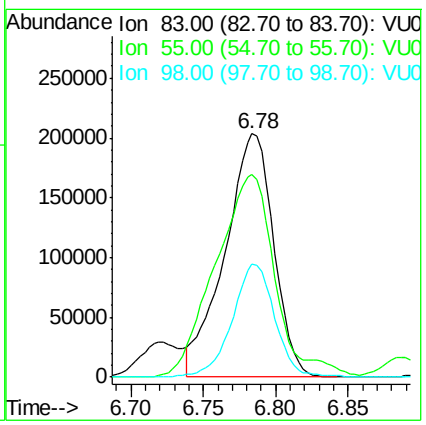


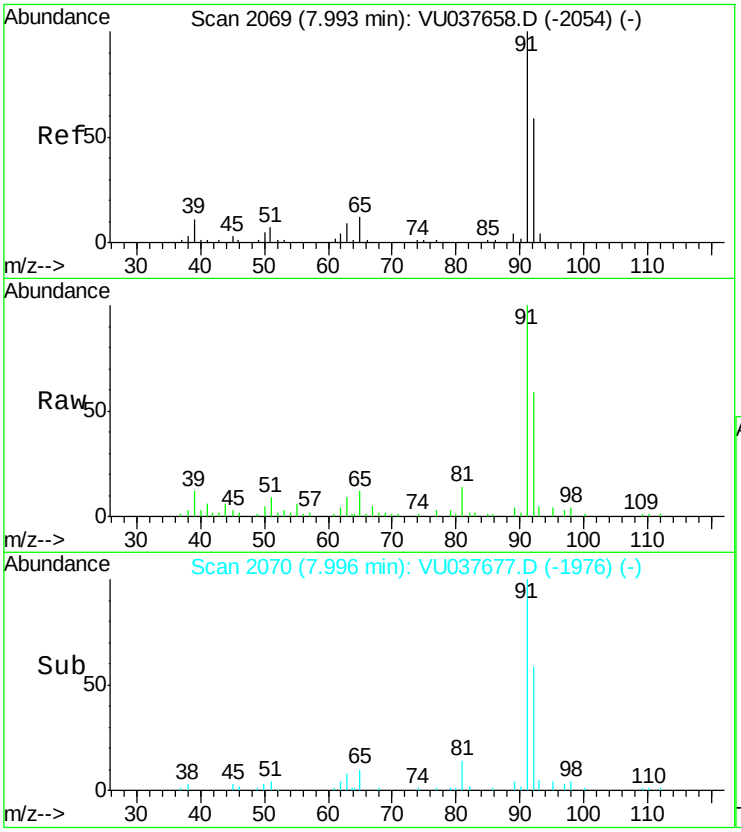


#35
Methylcyclohexane
Concen: 53.326 ug/L
RT: 6.78 min Scan# 1693
Delta R.T. -0.01 min
Lab File: VU037677.D
Acq: 10 Apr 2020 16:50

Tgt Ion: 83 Resp: 474879

Ion	Ratio	Lower	Upper
83	100		
55	98.3	64.6	96.8#
98	40.8	38.0	57.0



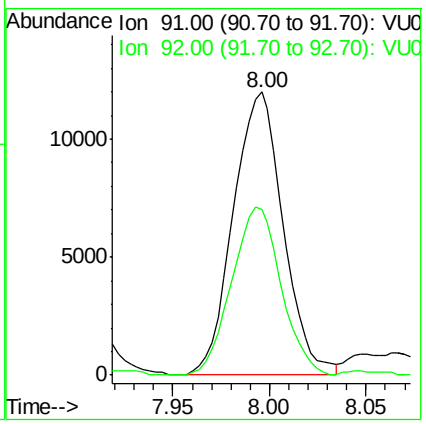


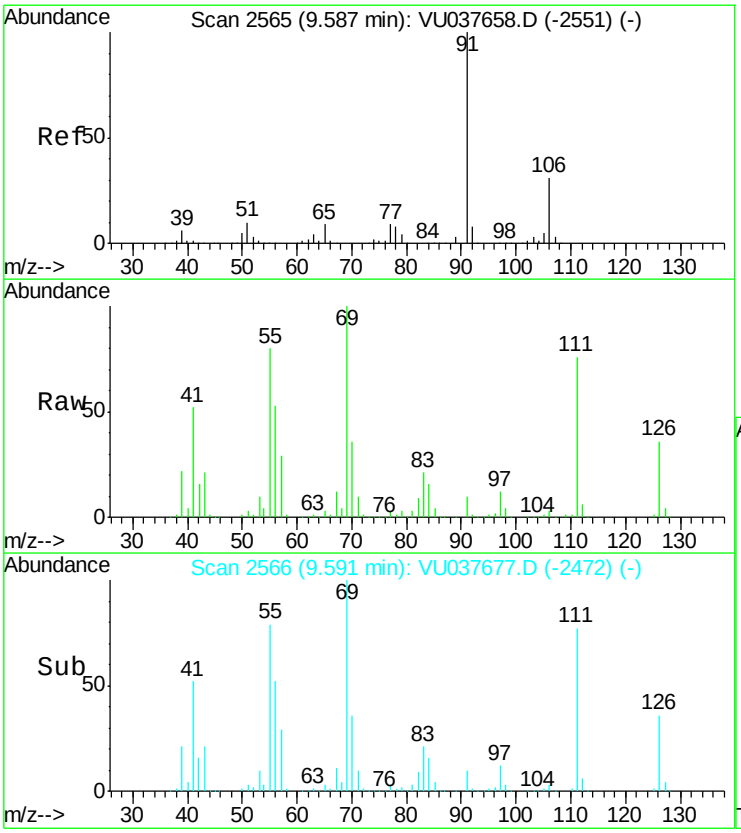
#42
Toluene
Concen: 0.995 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU037677.D
Acq: 10 Apr 2020 16:50

Instrument :
MSVOA_U
ClientSampleId :
BG2J0ME

Tgt Ion: 91 Resp: 21558

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.8	77.6

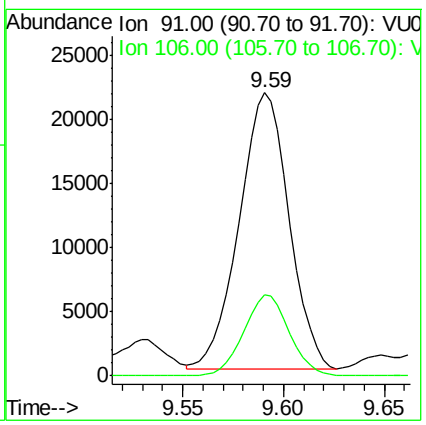


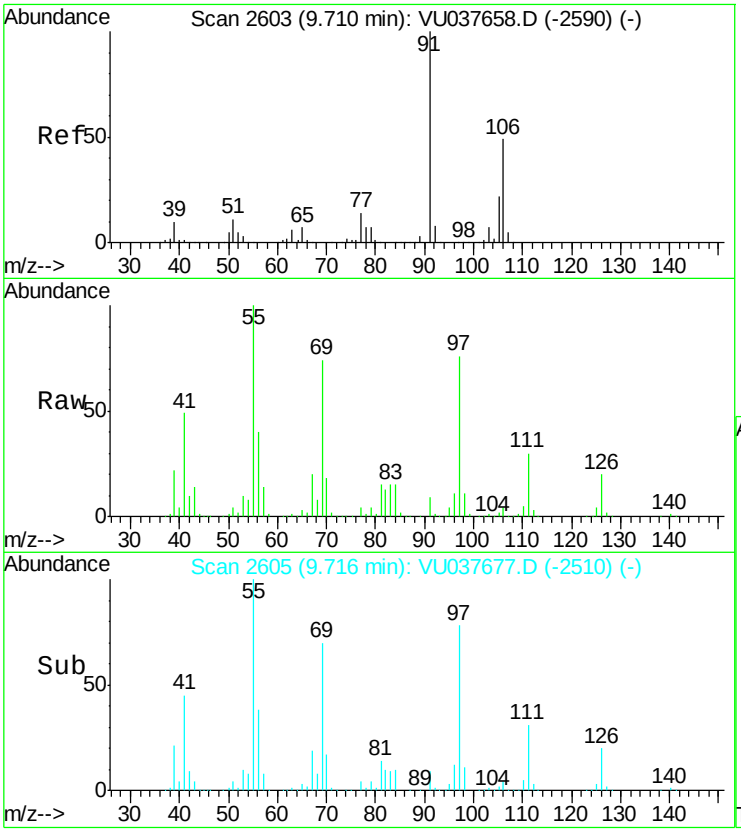


#52
Ethylbenzene
Concen: 1.521 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU037677.D
Acq: 10 Apr 2020 16:50

Tgt Ion: 91 Resp: 36940

Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.6	40.0



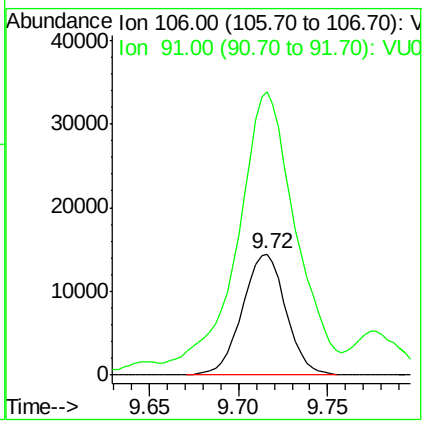


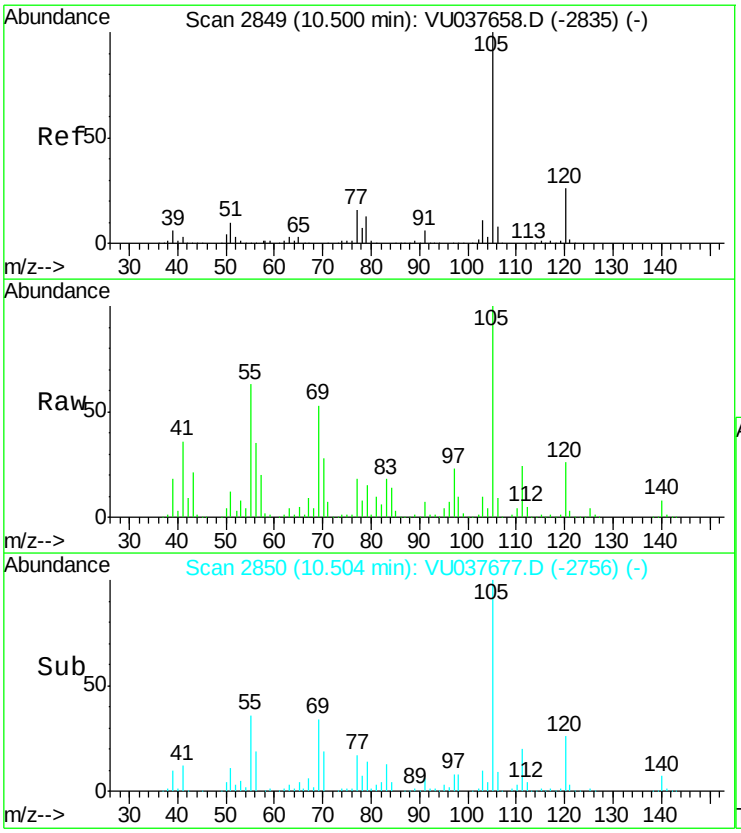
#53
m,p-Xylene
Concen: 2.687 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.01 min
Lab File: VU037677.D
Acq: 10 Apr 2020 16:50

Instrument :
MSVOA_U
ClientSampleId :
BG2J0ME

Tgt Ion:106 Resp: 24770

Ion	Ratio	Lower	Upper
106	100		
91	233.8	140.8	261.6





#56
Isopropylbenzene
Concen: 16.969 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU037677.D
Acq: 10 Apr 2020 16:50

Tgt Ion:105 Resp: 404022

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.7	31.1
77	18.6	12.7	19.1