Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031369.D
Acq On : 19 Apr 2019 19:07
Operator : JC/SP
Sample : K2456-10
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHP8

Quant Time: Apr 20 01:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	702994	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	286421	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	174880	27.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 54.02%#			
7) Chloroethane-d5	1.68	69	122486	21.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 43.58%#			
11) 1,1-Dichloroethene-d2	2.24	63	275349	21.47	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 42.94%#			
21) 2-Butanone-d5	4.21	46	321187	68.12	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 68.12%			
24) Chloroform-d	4.64	84	349804	32.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 64.76%#			
26) 1,2-Dichloroethane-d4	5.31	65	218902	32.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.82%#			
32) Benzene-d6	5.33	84	746080	40.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.10%			
36) 1,2-Dichloropropane-d6	6.33	67	260258	43.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.18%			
41) Toluene-d8	7.56	98	588579	36.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.72%#			
43) trans-1,3-Dichloropropene-	7.85	79	98907	34.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.32%			
47) 2-Hexanone-d5	8.34	63	269164	95.50	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.50%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	303802	36.65	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 73.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	254586	38.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.52%#			
Target Compounds						Qvalue
16) Methylene chloride	2.69	84	3463	0.646	ug/L	88
53) m,p-Xylene	9.38	106	4478	0.599	ug/L	74
55) Styrene	9.81	104	6724	0.526	ug/L	84

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

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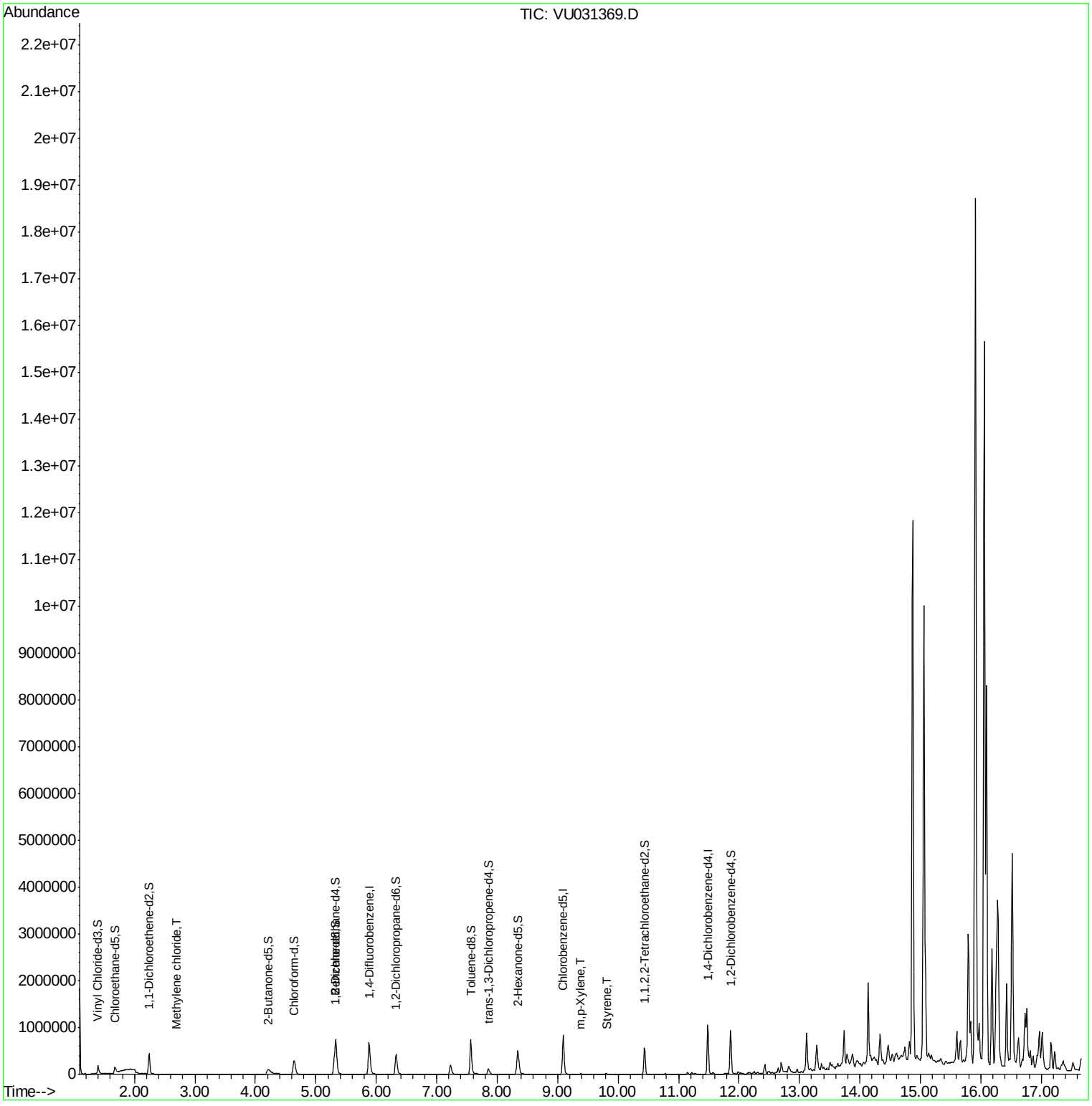
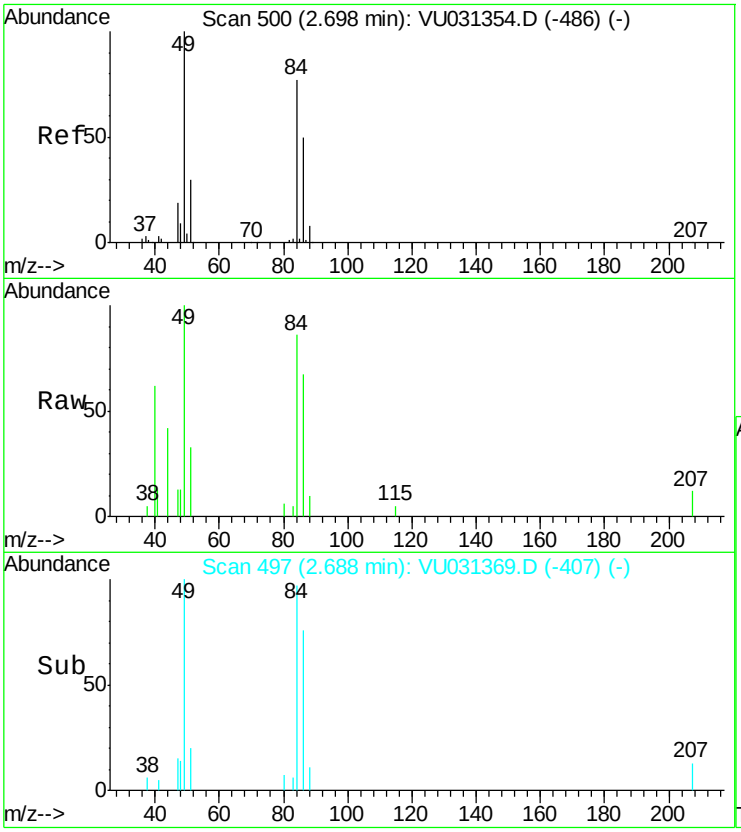


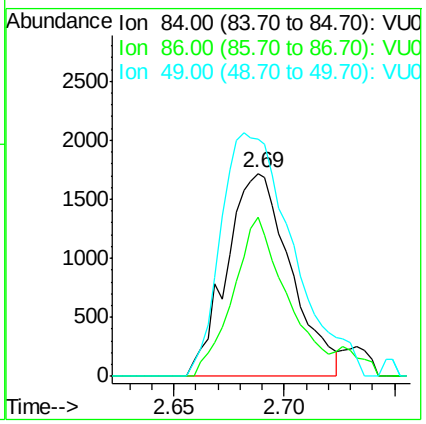


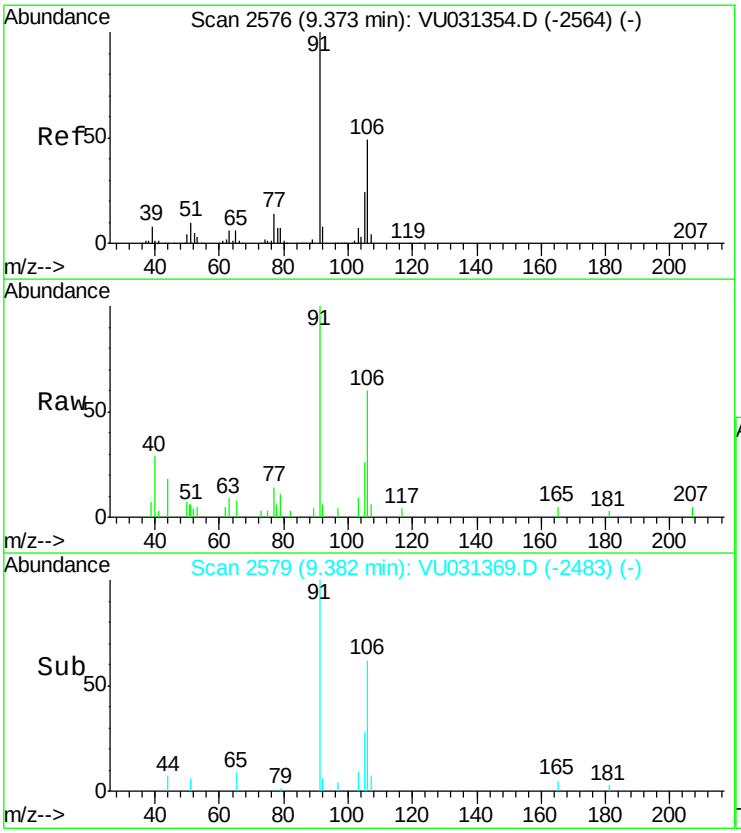
#16
Methylene chloride
Concen: 0.646 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU031369.D
Acq: 19 Apr 2019 19:07

Instrument : MSVOA_U
ClientSampleId : GAHP8

Tgt Ion: 84 Resp: 3463

Ion	Ratio	Lower	Upper
84	100		
86	78.2	44.0	81.8
49	116.8	88.0	163.4

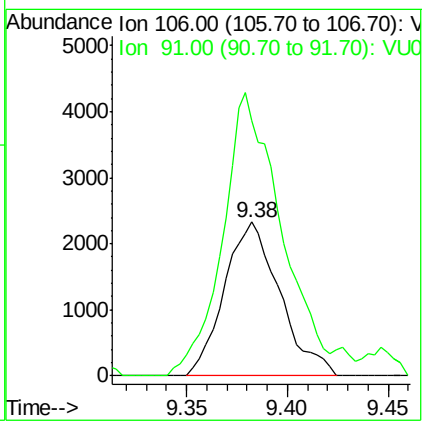


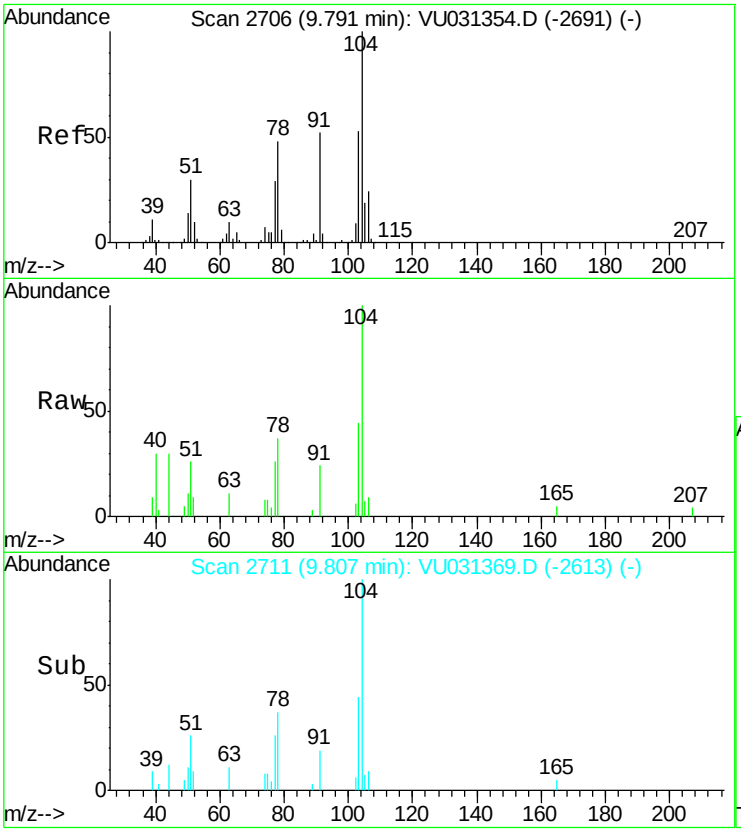


#53
m,p-Xylene
Concen: 0.599 ug/L
RT: 9.38 min Scan# 2579
Delta R.T. 0.01 min
Lab File: VU031369.D
Acq: 19 Apr 2019 19:07

Tgt Ion:106 Resp: 4478

Ion	Ratio	Lower	Upper
106	100		
91	165.6	144.5	268.4





#55
Stvrene
Concen: 0.526 ug/L
RT: 9.81 min Scan# 2711
Delta R.T. 0.02 min
Lab File: VU031369.D
Acq: 19 Apr 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
GAHP8

Tgt Ion:104 Resp: 6724

Ion	Ratio	Lower	Upper
104	100		
78	36.5	32.8	61.0