Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
Data File : VU029922.D
Acq On : 09 Mar 2019 16:05
Operator : JC/SP
Sample : K1789-16
Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Mar 11 03:43:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BF0P9

Manual Integrations APPROVED
MMDadoda
3/11/2019 10:53:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	567019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	304460	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	146173	42.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.50%			
7) Chloroethane-d5	1.64	69	59454m	20.44	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 40.88%#			
11) 1,1-Dichloroethene-d2	2.23	63	205069m	31.45	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.90%			
21) 2-Butanone-d5	4.19	46	230579	86.03	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.03%			
24) Chloroform-d	4.64	84	263562	39.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.30%			
26) 1,2-Dichloroethane-d4	5.30	65	168114	42.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.24%			
32) Benzene-d6	5.33	84	580015	40.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.20%			
36) 1,2-Dichloropropane-d6	6.32	67	177205	41.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.12%			
41) Toluene-d8	7.56	98	546432	39.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.72%#			
43) trans-1,3-Dichloropropene-	7.85	79	81949	39.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.48%			
47) 2-Hexanone-d5	8.32	63	213504	91.95	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.95%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303105	44.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	246876	41.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.68%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	62965	11.001	ug/L	99
6) Bromomethane	1.60	94	3555m	3.024	ug/L	

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

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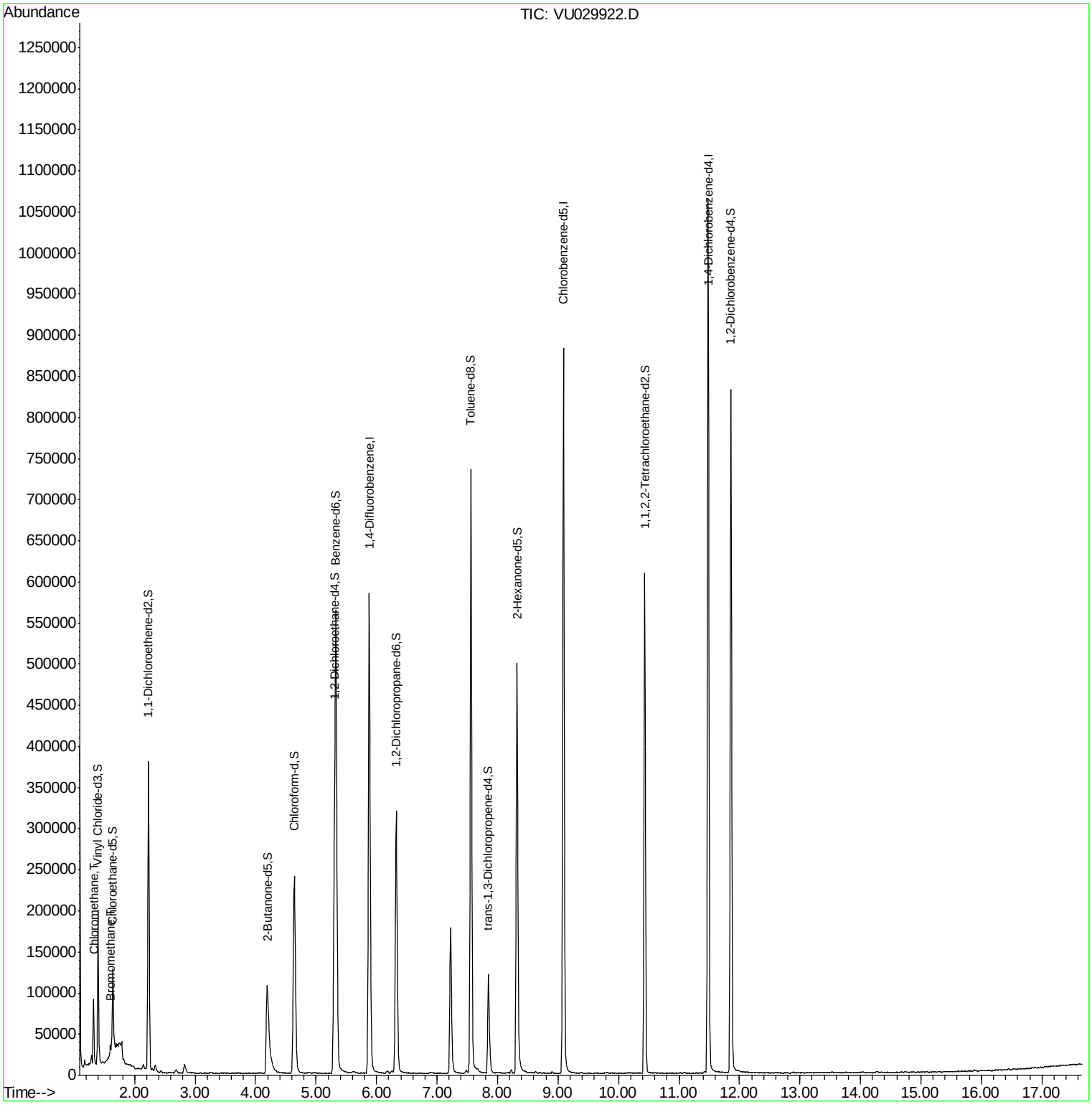
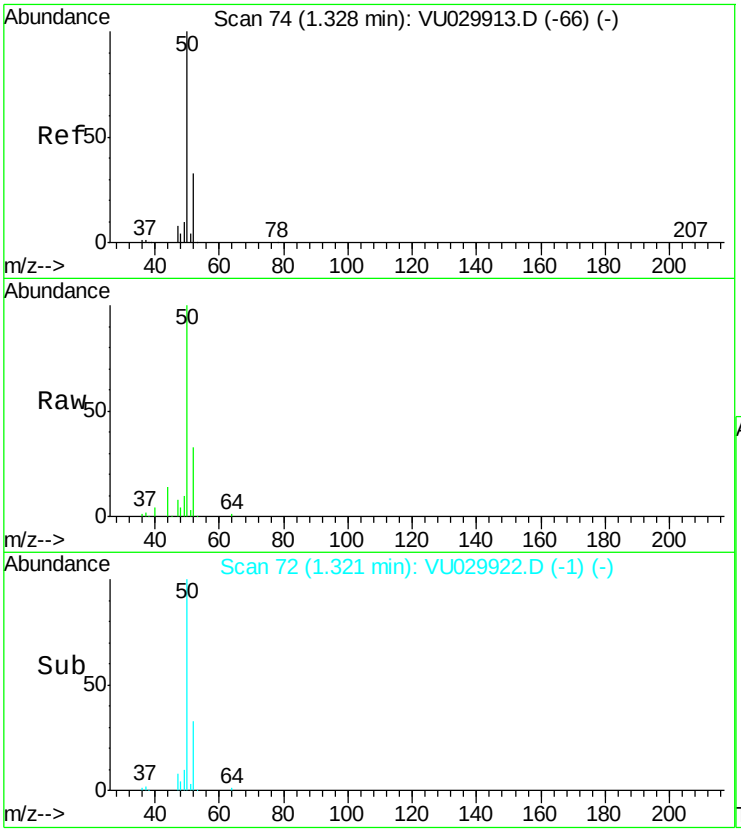
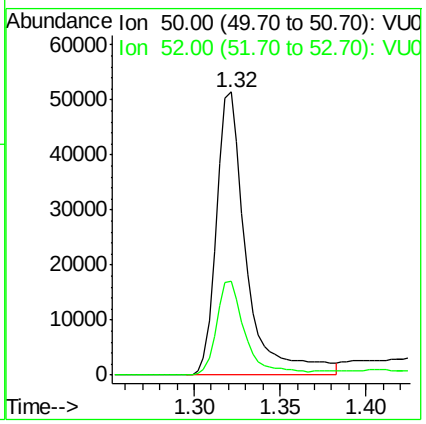




#3
Chloromethane
Concen: 11.001 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029922.D
Acq: 09 Mar 2019 16:05

Tgt Ion: 50 Resp: 62965

Ion	Ratio	Lower	Upper
50	100		
52	33.3	23.1	42.9



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MSVOA_U
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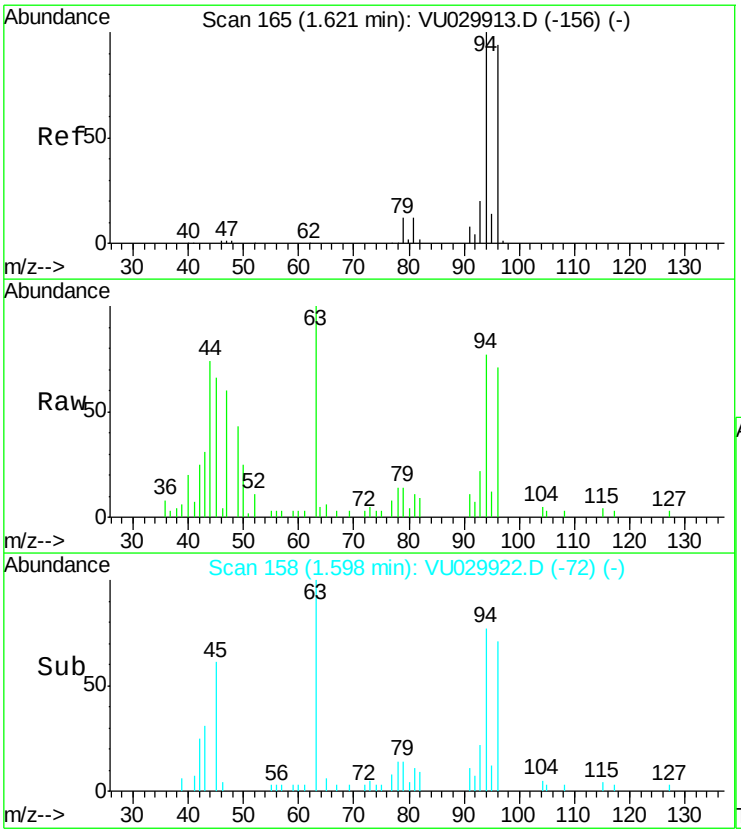

#6
Bromomethane
Concen: 3.024 ug/L m
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029922.D
Acq: 09 Mar 2019 16:05

Tgt Ion: 94 Resp: 3555

Ion	Ratio	Lower	Upper
94	100		
96	92.5	65.7	121.9