Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
Data File : VU029920.D
Acq On : 09 Mar 2019 15:19
Operator : JC/SP
Sample : K1789-14
Misc : 6.41g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0P7

Manual Integrations APPROVED
MMDadoda
3/11/2019 10:53:08 AM

Quant Time: Mar 11 02:59:46 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	561710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	561217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	296590	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	132221	38.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.16%			
7) Chloroethane-d5	1.64	69	56461m	19.60	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 39.20%#			
11) 1,1-Dichloroethene-d2	2.23	63	182689	28.28	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.56%#			
21) 2-Butanone-d5	4.19	46	205863	77.53	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.53%			
24) Chloroform-d	4.64	84	237741	35.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.28%			
26) 1,2-Dichloroethane-d4	5.30	65	147461	37.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.46%			
32) Benzene-d6	5.33	84	528773	37.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.62%			
36) 1,2-Dichloropropane-d6	6.32	67	161002	38.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.22%			
41) Toluene-d8	7.56	98	491918	36.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.32%#			
43) trans-1,3-Dichloropropene-	7.85	79	74096	36.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.50%			
47) 2-Hexanone-d5	8.32	63	190684	83.90	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271351	40.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	222449	38.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.48%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	84231	14.856	ug/L	99
6) Bromomethane	1.60	94	3960	3.401	ug/L	98

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

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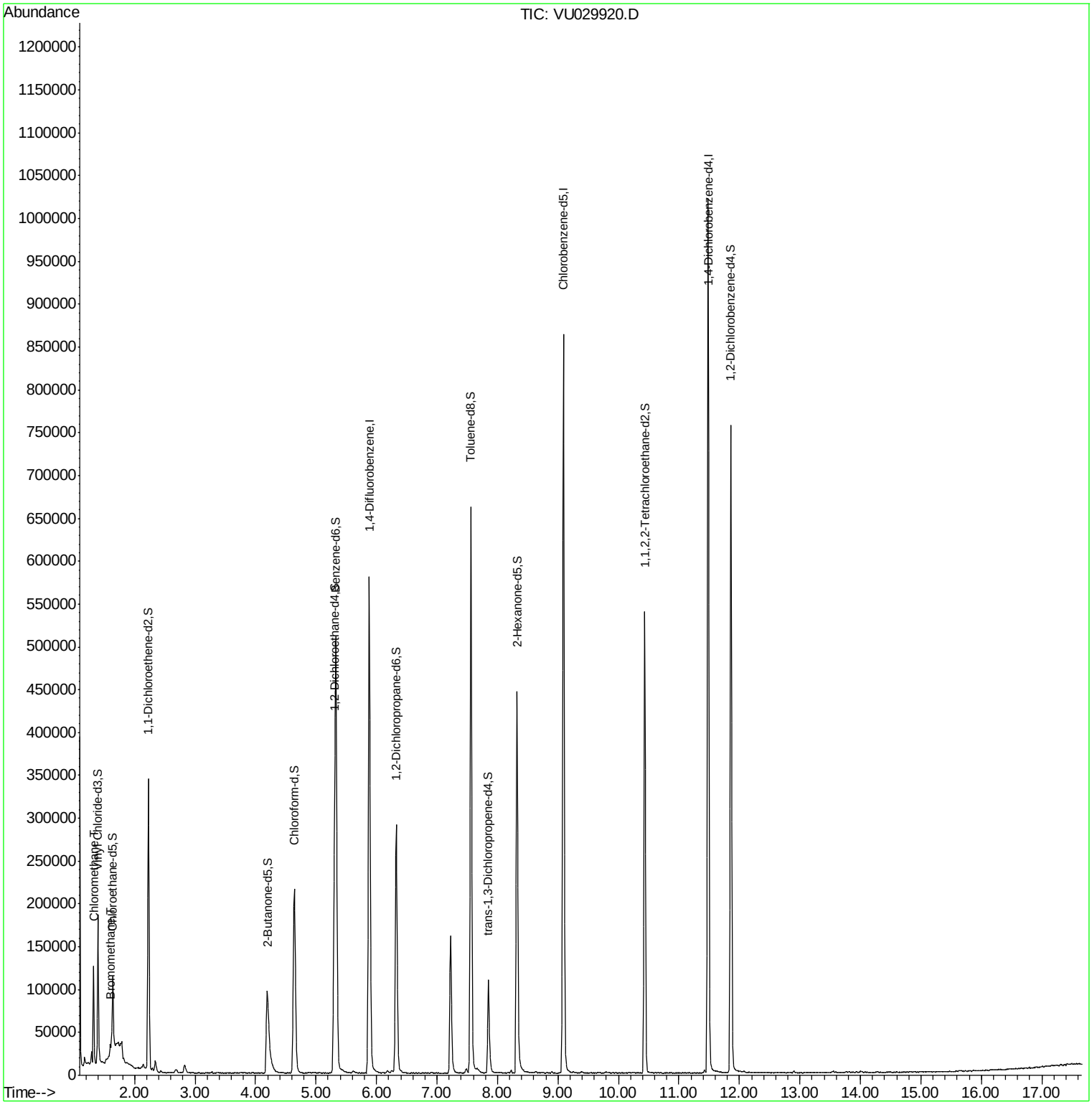
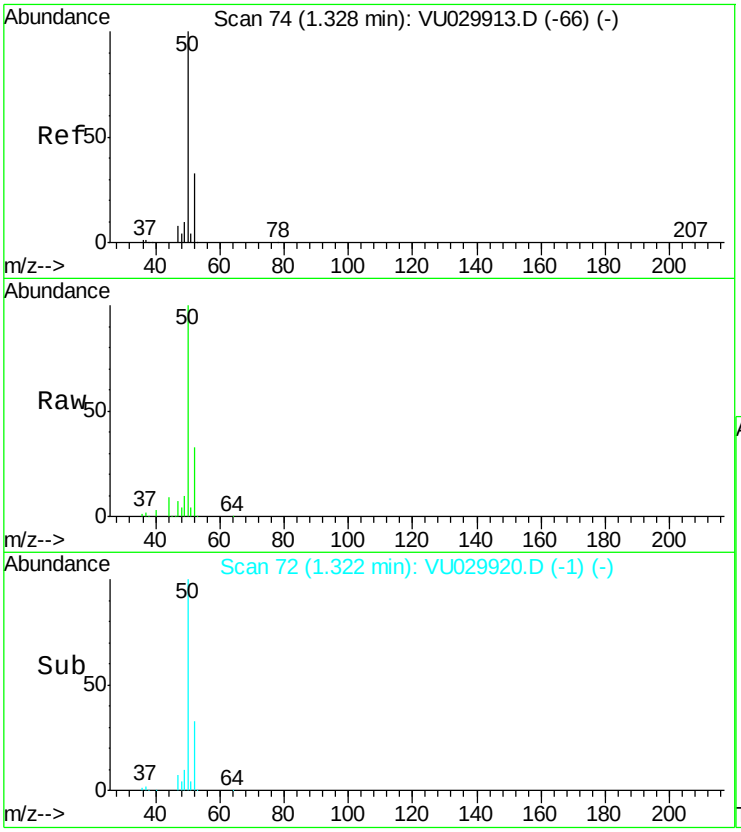
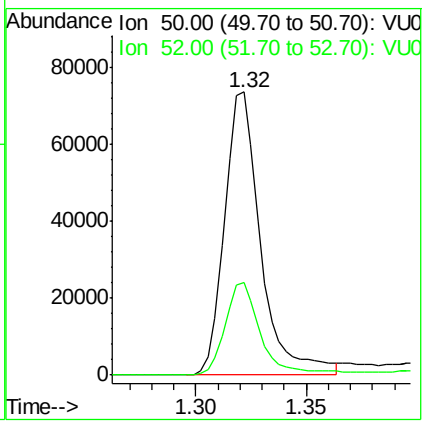




#3
Chloromethane
Concen: 14.856 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029920.D
Acq: 09 Mar 2019 15:19

Tgt Ion: 50 Resp: 84231

Ion	Ratio	Lower	Upper
50	100		
52	32.6	23.1	42.9



Instrument :
MSVOA_U
ClientSampleId :
BF0P7

Manual Integrations APPROVED
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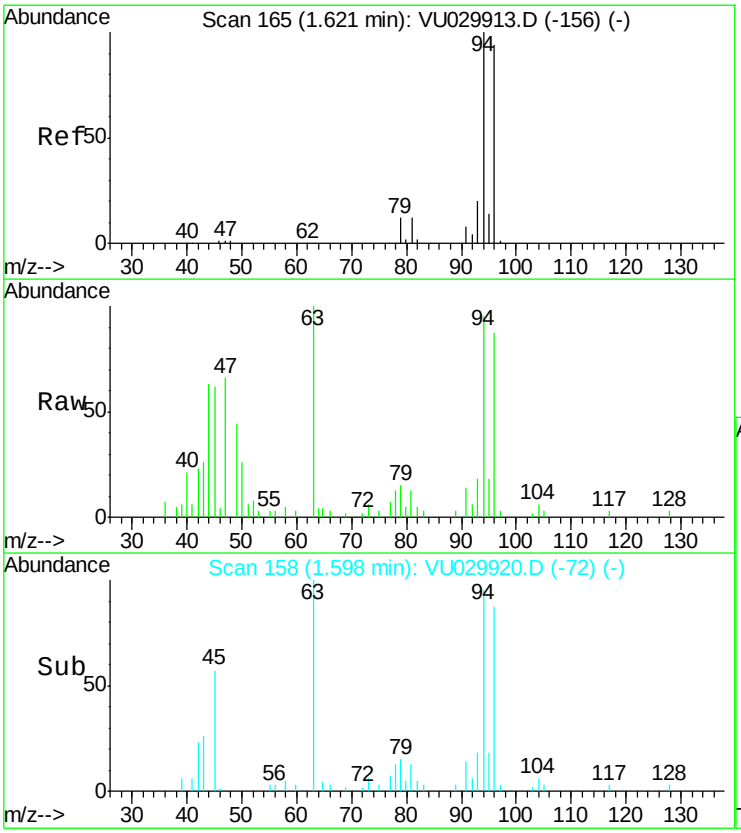

#6
Bromomethane
Concen: 3.401 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029920.D
Acq: 09 Mar 2019 15:19

Tgt Ion: 94 Resp: 3960

Ion	Ratio	Lower	Upper
94	100		
96	91.6	65.7	121.9