Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
Data File : VU029958.D
Acq On : 10 Mar 2019 18:45
Operator : JC/SP
Sample : K1818-19
Misc : 5.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R9

Manual Integrations APPROVED
MMDadoda
3/11/2019 11:48:39 AM

Quant Time: Mar 11 08:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	597253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	583175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297767	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	147822	40.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.14%			
7) Chloroethane-d5	1.64	69	60945m	19.89	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 39.78%#			
11) 1,1-Dichloroethene-d2	2.23	63	212106m	30.88	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.76%			
21) 2-Butanone-d5	4.20	46	254224	90.05	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.05%			
24) Chloroform-d	4.64	84	291411	41.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.18%			
26) 1,2-Dichloroethane-d4	5.30	65	179183	43.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.24%			
32) Benzene-d6	5.33	84	632541	43.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.06%			
36) 1,2-Dichloropropane-d6	6.32	67	193394	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.12%			
41) Toluene-d8	7.56	98	591403	42.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.82%			
43) trans-1,3-Dichloropropene-	7.85	79	85918	40.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.90%			
47) 2-Hexanone-d5	8.32	63	219824	93.08	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320488	46.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	252054	43.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.32%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	51597	8.558	ug/L	100
6) Bromomethane	1.60	94	3080	2.487	ug/L	78

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

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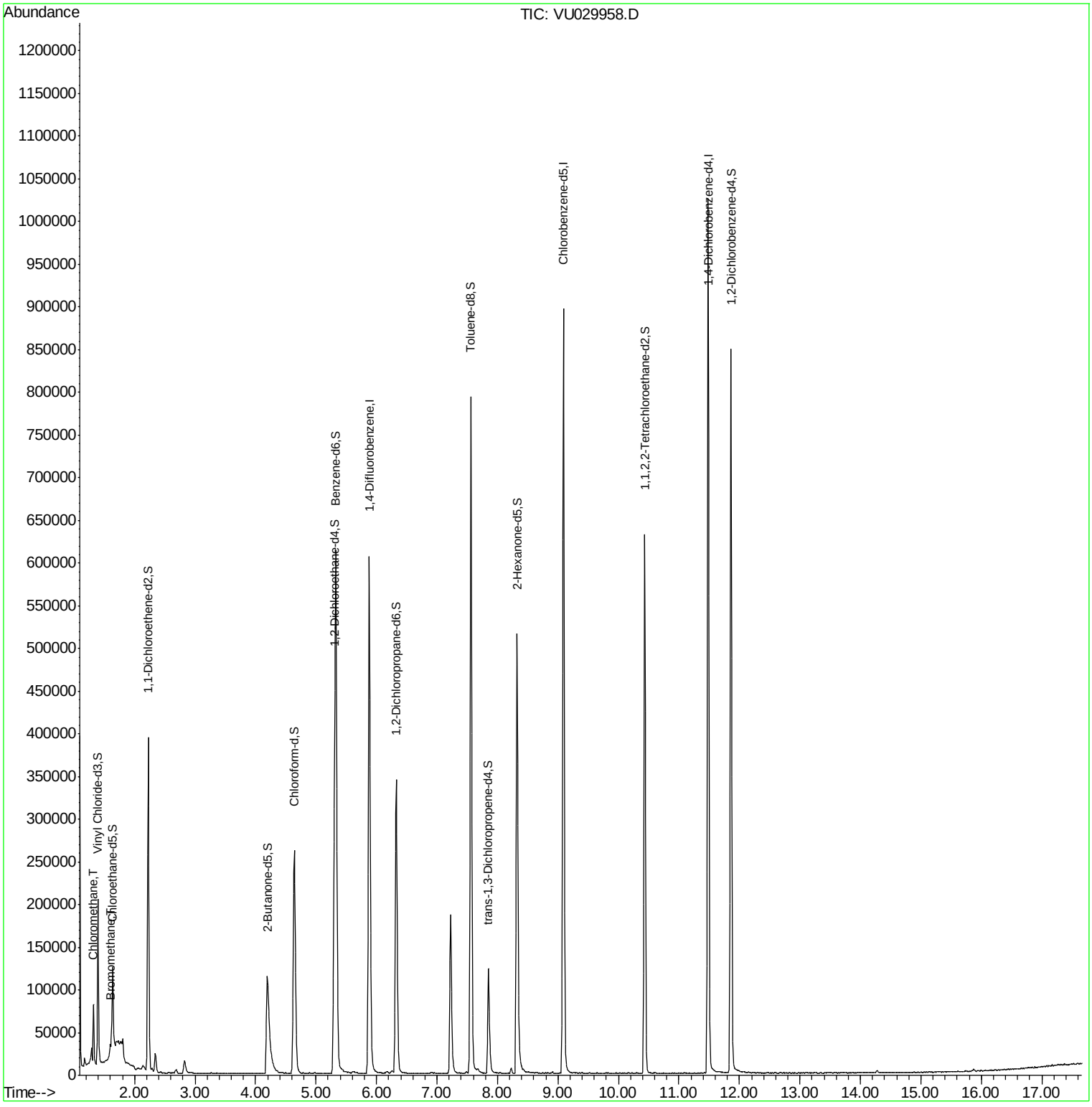
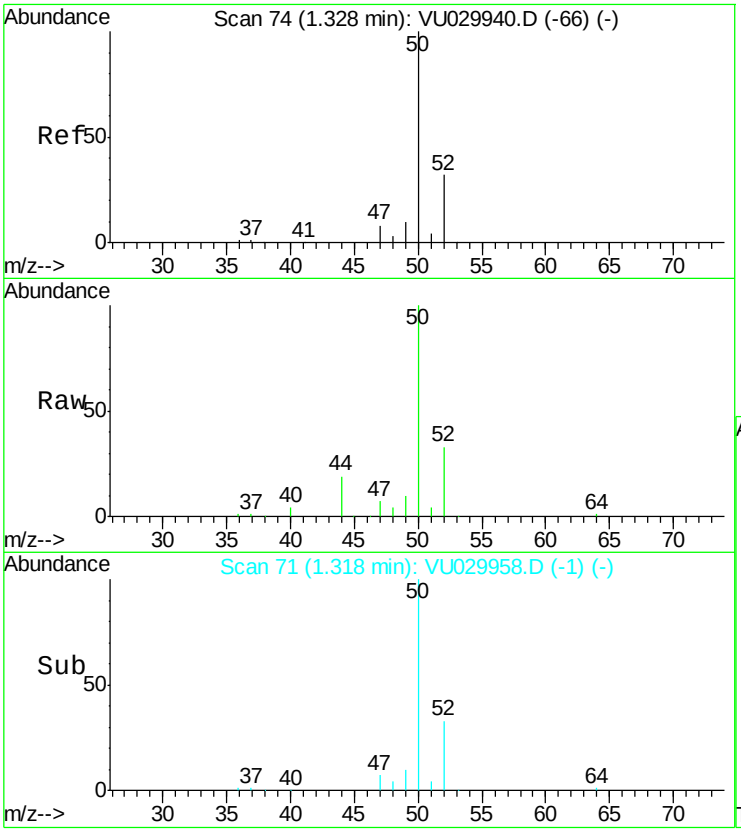
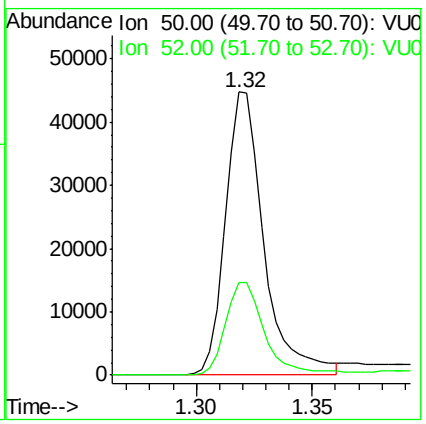




#3
Chloromethane
Concen: 8.558 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.01 min
Lab File: VU029958.D
Acq: 10 Mar 2019 18:45

Tgt Ion: 50 Resp: 51597

Ion	Ratio	Lower	Upper
50	100		
52	32.9	23.1	42.9



Instrument :
MSVOA_U
ClientSampleId :
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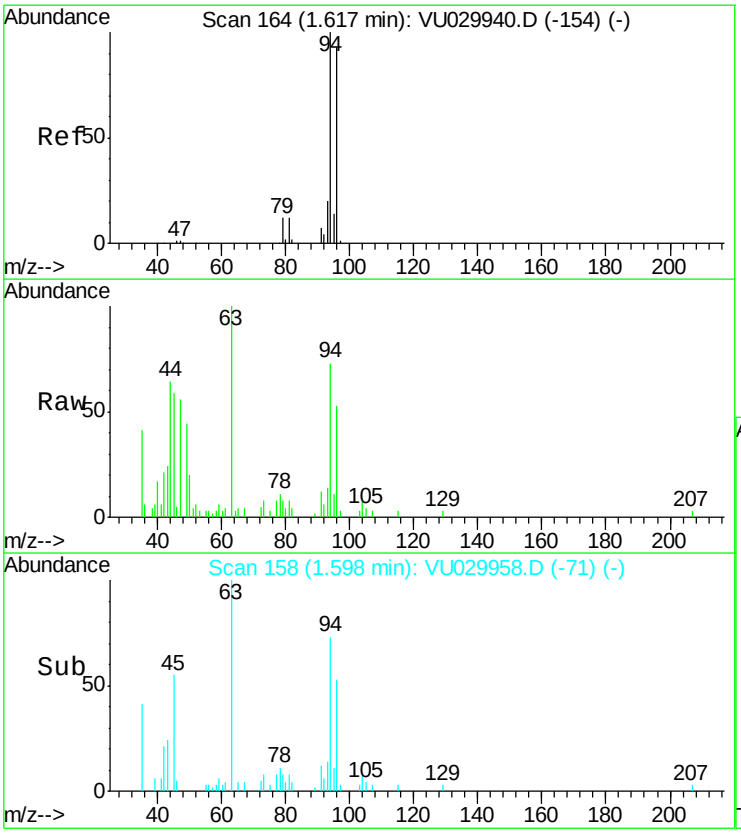

#6
Bromomethane
Concen: 2.487 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029958.D
Acq: 10 Mar 2019 18:45

Tgt Ion: 94 Resp: 3080

Ion	Ratio	Lower	Upper
94	100		
96	72.9	65.7	121.9