Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM11

Manual Integrations APPROVED
MMDadoda
7/3/2019 9:00:10 AM

Quant Time: Jul 02 07:02:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	220634	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109672	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	55493	36.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.60%			
7) Chloroethane-d5	1.64	69	38116m	31.70	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 63.40%#			
11) 1,1-Dichloroethene-d2	2.22	63	97856	32.21	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.42%			
21) 2-Butanone-d5	4.19	46	135298	107.81	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.81%			
24) Chloroform-d	4.63	84	138771	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.68%			
26) 1,2-Dichloroethane-d4	5.30	65	101131	51.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.58%			
32) Benzene-d6	5.32	84	264871	46.20	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.32	67	87798	48.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.14%			
41) Toluene-d8	7.56	98	237840	44.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.85	79	42752	45.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.00%			
47) 2-Hexanone-d5	8.32	63	83515	97.93	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137951	48.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.72%			
64) 1,2-Dichlorobenzene-d4	11.86	152	98881	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.18%			
Target Compounds						Qvalue
22) 2-Butanone	4.29	43	18515m	10.305	ug/L	
46) Tetrachloroethene	8.22	164	17281	12.458	ug/L	96

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

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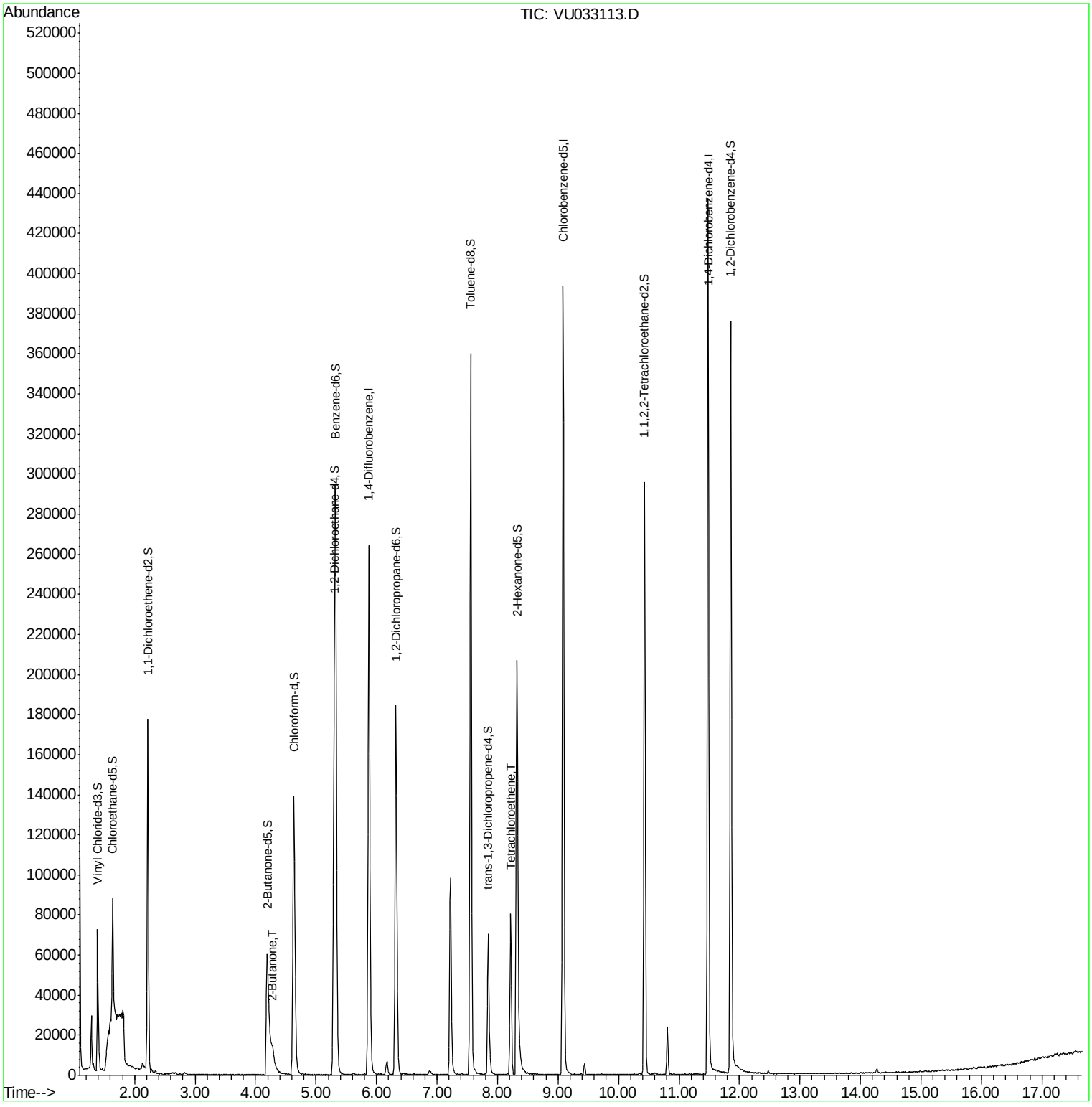
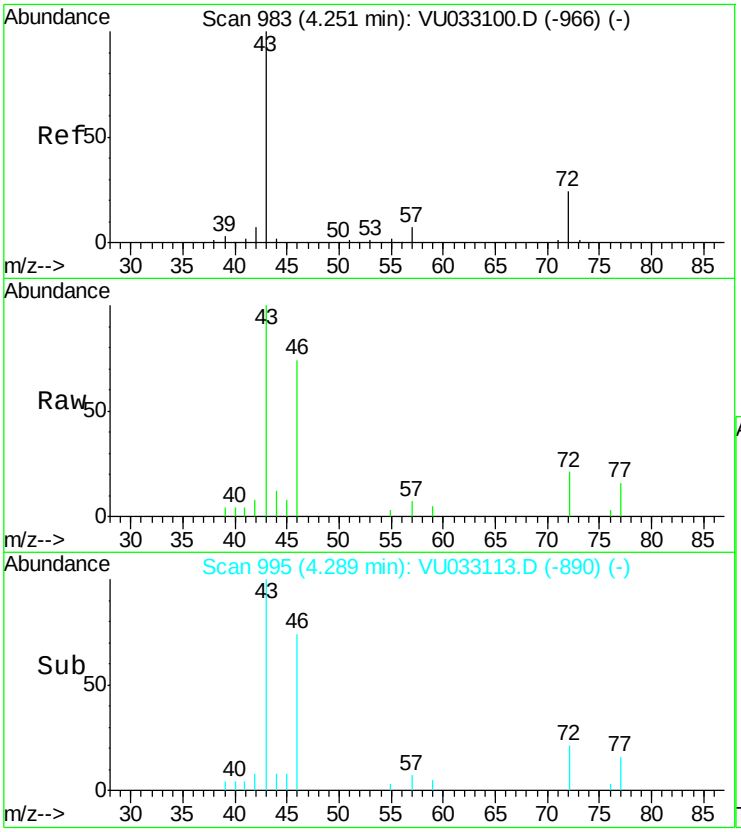
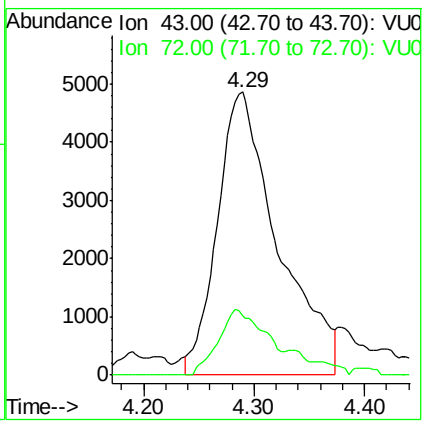




#22
2-Butanone
Concen: 10.305 ug/L m
RT: 4.29 min Scan# 995
Delta R.T. 0.04 min
Lab File: VU033113.D
Acq: 01 Jul 2019 14:21

Tgt Ion: 43 Resp: 18515

Ion	Ratio	Lower	Upper
43	100		
72	17.6	12.9	38.6



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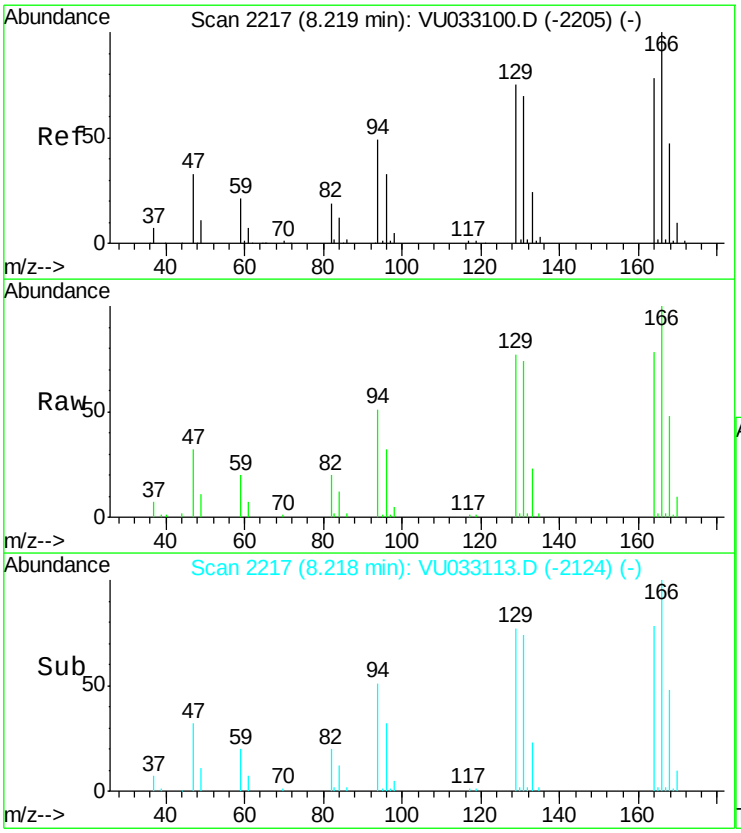

#46
Tetrachloroethene
Concen: 12.458 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033113.D
Acq: 01 Jul 2019 14:21

Tgt Ion:164 Resp: 17281

Ion	Ratio	Lower	Upper
164	100		
129	98.6	64.8	120.3
131	95.6	64.5	119.7
166	128.6	91.3	169.6