Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\
Data File : VU036300.D
Acq On : 19 Dec 2019 22:31
Operator : JC/MD
Sample : K6282-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDX3

Manual Integrations APPROVED
apatel
12/20/2019 1:05:47 PM

Quant Time: Dec 20 06:09:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.39	114	186132	5.00	ug/L	0.10
28) Chlorobenzene-d5	9.47	117	223323	5.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.84	152	109459	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.69	65	103597	6.32	ug/L	0.08
Spiked Amount 5.000	Range 40 - 130		Recovery = 126.40%			
7) Chloroethane-d5	2.03	69	91247	6.21	ug/L	0.10
Spiked Amount 5.000	Range 65 - 130		Recovery = 124.20%			
11) 1,1-Dichloroethene-d2	2.70	63	121041	5.12	ug/L	0.10
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.40%			
20) 2-Butanone-d5	4.86	46	132789	43.24	ug/L	0.18
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.48%			
24) Chloroform-d	5.19	84	164430	6.24	ug/L	0.08
Spiked Amount 5.000	Range 70 - 125		Recovery = 124.80%			
26) 1,2-Dichloroethane-d4	5.85	65	60202	4.35	ug/L	0.11
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
32) Benzene-d6	5.87	84	225774	4.02	ug/L	0.10
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.40%			
36) 1,2-Dichloropropane-d6	6.82	67	71092	4.02	ug/L	0.09
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.40%			
41) Toluene-d8	7.98	98	177099	3.35	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.00%#			
43) trans-1,3-Dichloropropene-	8.25	79	22731	3.12	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.40%			
46) 2-Hexanone-d5	8.71	63	79064	28.41	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 56.82%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	77209	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	90671	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
33) Benzene	5.92	78	12820m	0.187	ug/L	
34) Trichloroethene	6.67	95	10962	0.620	ug/L	91

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

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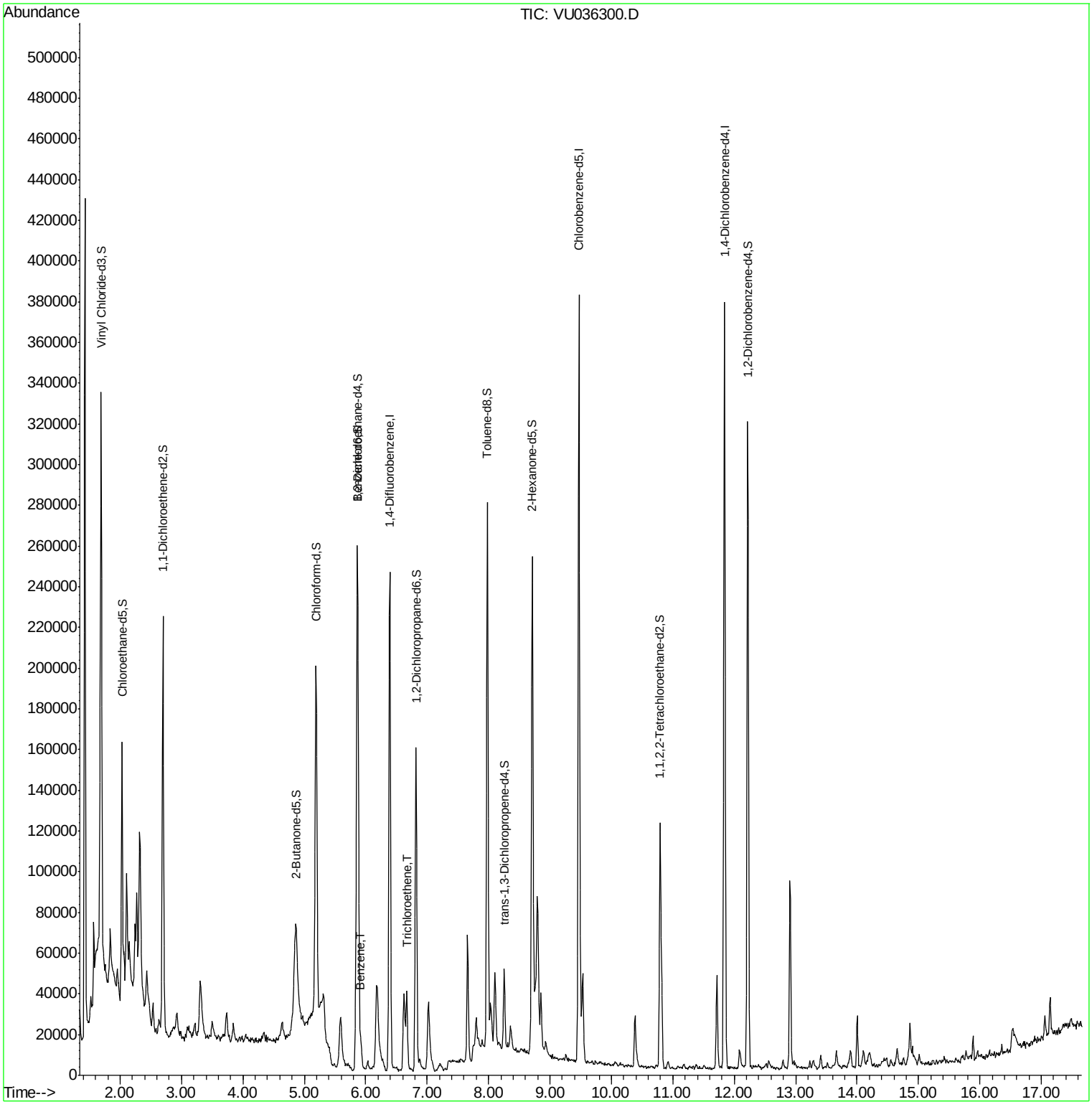

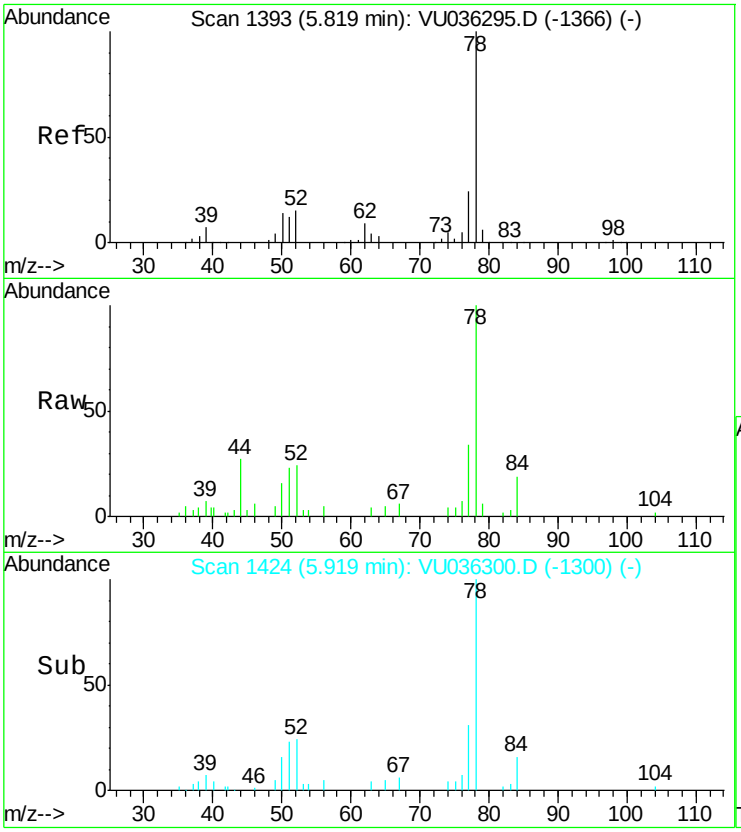

#33
Benzene
Concen: 0.187 ug/L m
RT: 5.92 min Scan# 1424
Delta R.T. 0.10 min
Lab File: VU036300.D
Acq: 19 Dec 2019 22:31

Tgt Ion: 78 Resp: 12820

Instrument :
MSVOA_U
ClientSampleId :
BFDX3

Manual Integrations APPROVED
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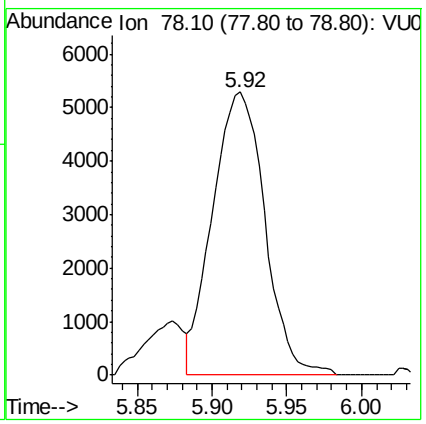

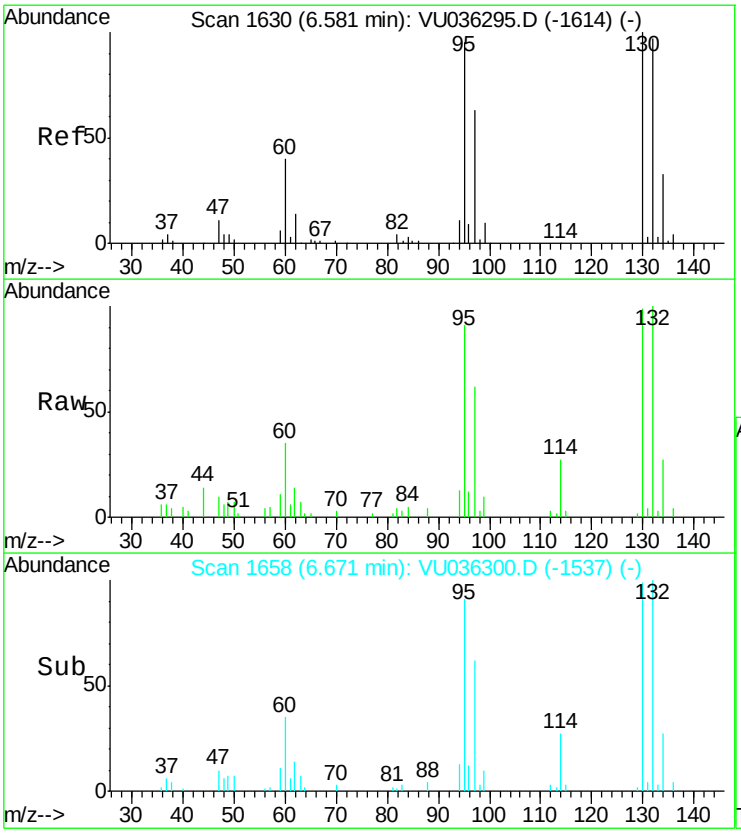

#34
Trichloroethene
Concen: 0.620 ug/L
RT: 6.67 min Scan# 1658
Delta R.T. 0.09 min
Lab File: VU036300.D
Acq: 19 Dec 2019 22:31

Tgt Ion: 95 Resp: 10962

Ion	Ratio	Lower	Upper
95	100		
97	67.9	43.6	81.0
132	109.4	69.6	129.2
130	108.3	70.3	130.7