Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034801.D
Acq On : 25 Sep 2019 14:30
Operator : JC/SP
Sample : K4948-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDM8

Manual Integrations APPROVED
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9/26/2019 9:57:18 AM

Quant Time: Sep 26 05:38:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	473909	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	448937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	193918	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	210632	43.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.84%			
7) Chloroethane-d5	1.67	69	183036	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.62%			
11) 1,1-Dichloroethene-d2	2.26	63	284987	34.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.38%			
21) 2-Butanone-d5	4.15	46	384231	103.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.33%			
24) Chloroform-d	4.62	84	348579	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
26) 1,2-Dichloroethane-d4	5.29	65	241333	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.10%			
32) Benzene-d6	5.32	84	732520	52.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.28%			
36) 1,2-Dichloropropane-d6	6.31	67	261172	53.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.40%			
41) Toluene-d8	7.54	98	705439	53.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.58%			
43) trans-1,3-Dichloropropene-	7.83	79	111628	47.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.84%			
47) 2-Hexanone-d5	8.29	63	260740	106.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.74%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342812	50.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	235257	57.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.72%			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.98	73	37478	2.980	ug/L	96
34) Trichloroethene	6.17	95	3969m	1.032	ug/L	
46) Tetrachloroethene	8.21	164	166244	61.462	ug/L	96

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

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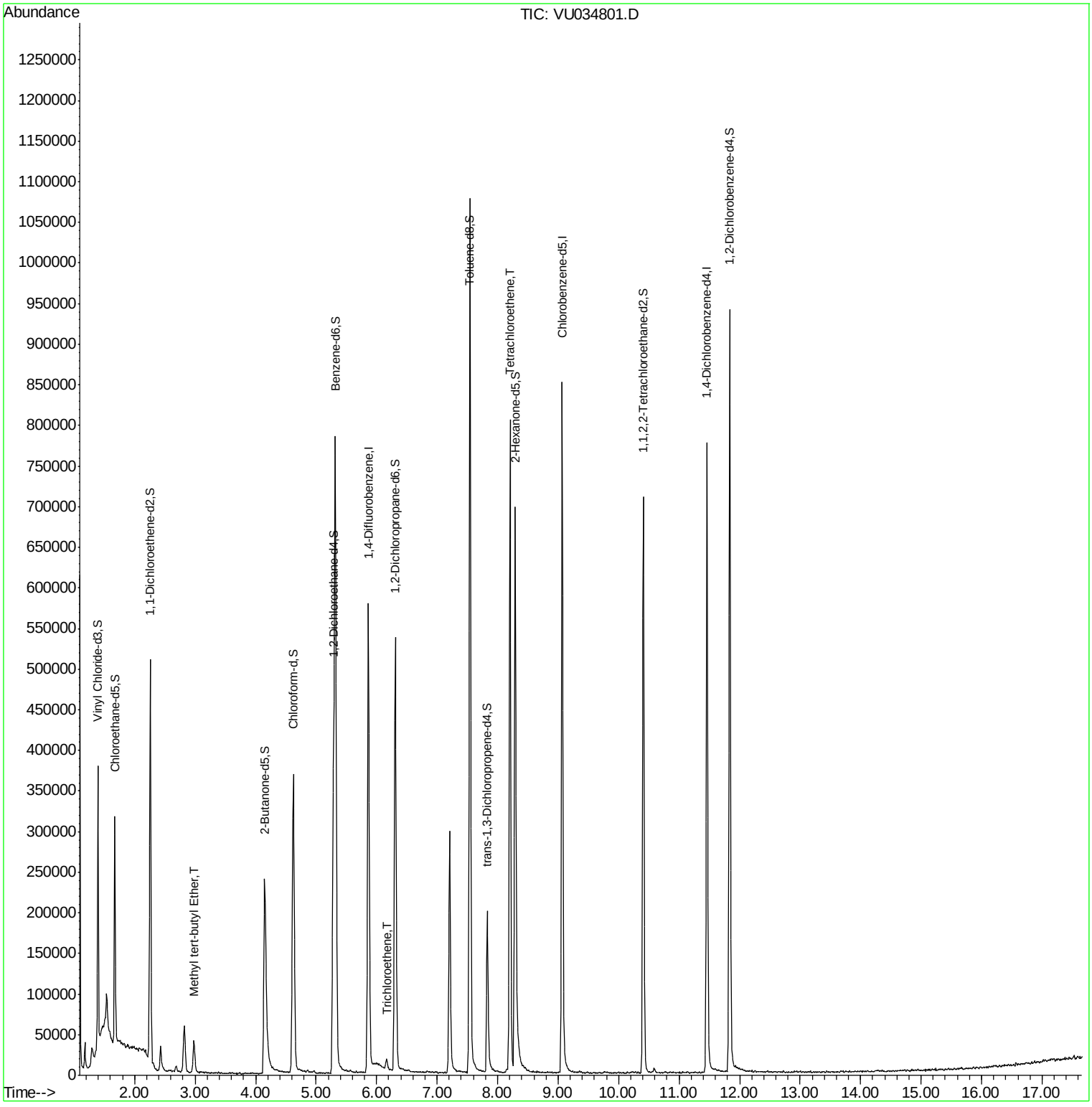
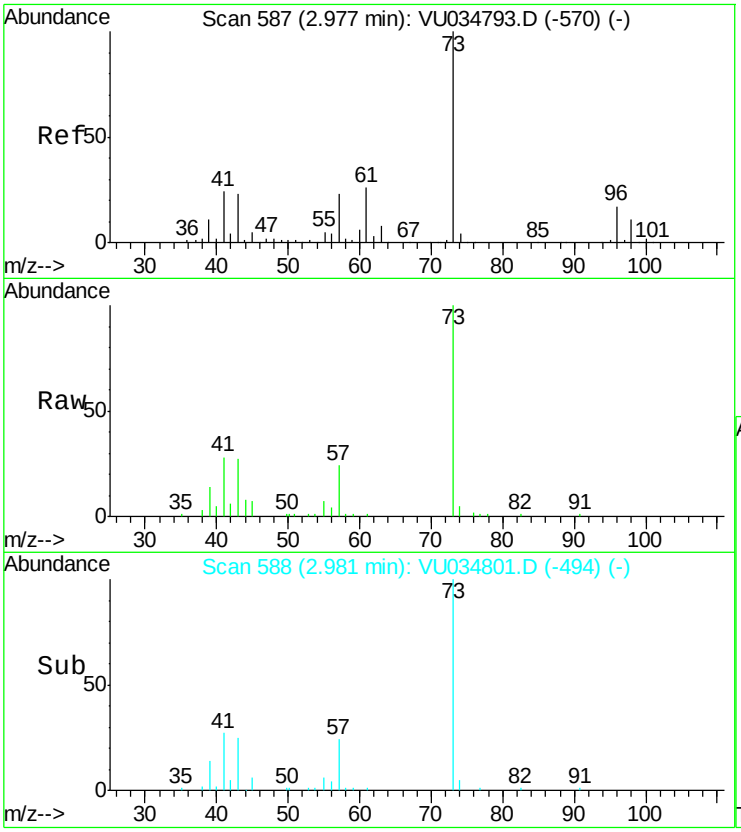
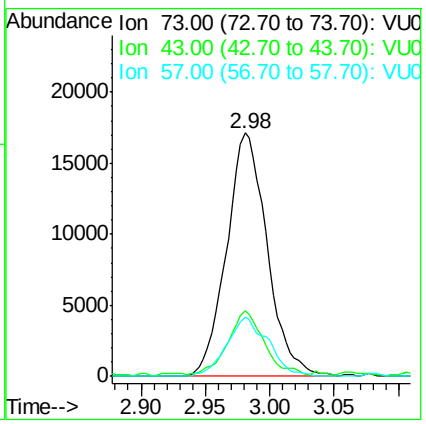




#18
Methyl tert-butyl Ether
Concen: 2.980 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Tgt Ion: 73 Resp: 37478

Ion	Ratio	Lower	Upper
73	100		
43	22.1	20.9	31.3
57	24.8	19.5	29.3



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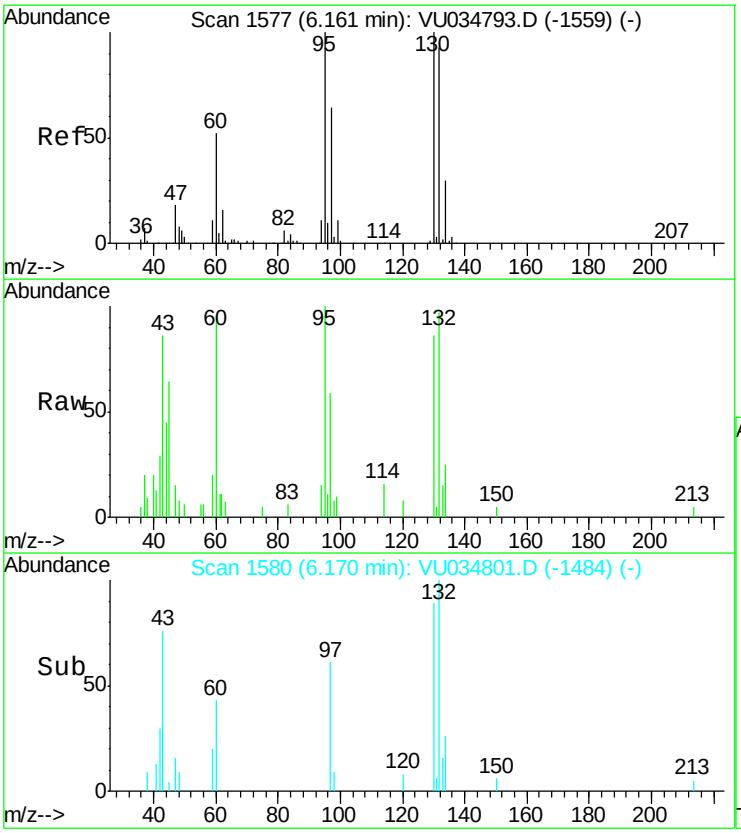
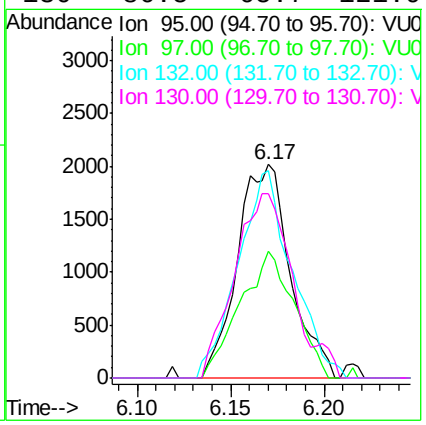
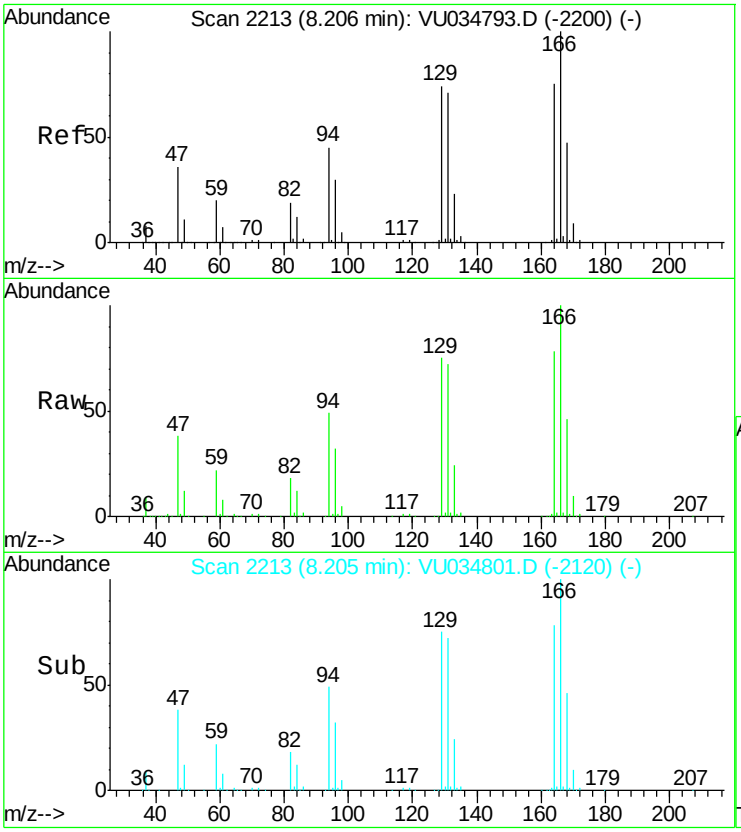


#34
Trichloroethene
Concen: 1.032 ug/L m
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Tgt Ion: 95 Resp: 3969

Ion	Ratio	Lower	Upper
95	100		
97	59.1	43.7	81.1
132	96.8	61.0	113.2
130	86.5	65.7	121.9

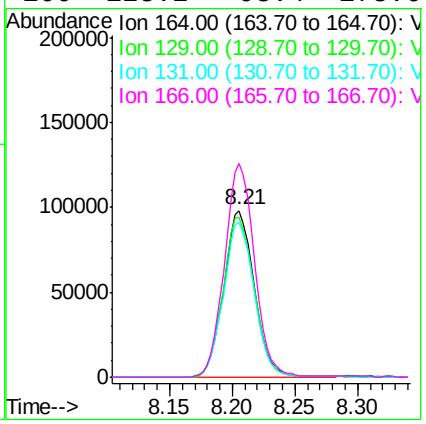




#46
Tetrachloroethene
Concen: 61.462 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Tgt Ion:164 Resp: 166244

Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.9	133.5
131	92.8	66.3	123.1
166	128.2	93.4	173.6



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