Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028300.D
Acq On : 21 Nov 2018 00:06
Operator : MD/SY
Sample : J5997-09 5000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YA7

Quant Time: Nov 21 07:59:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	159065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151842	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69205	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	42082	3.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.40%			
7) Chloroethane-d5	1.68	69	40632	3.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.60%			
11) 1,1-Dichloroethene-d2	2.27	63	60784	2.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.00%#			
20) 2-Butanone-d5	4.20	46	237583	59.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.62%			
24) Chloroform-d	4.65	84	99683	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.31	65	58829	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.34	84	179292	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.33	67	73726	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.56	98	146266	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	7.85	79	25542	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	8.31	63	183526	60.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.72%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58872	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	58490	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
42) Toluene	7.64	91	398279	7.84	ug/L	98
52) Ethylbenzene	9.25	91	7744	0.14	ug/L	98

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

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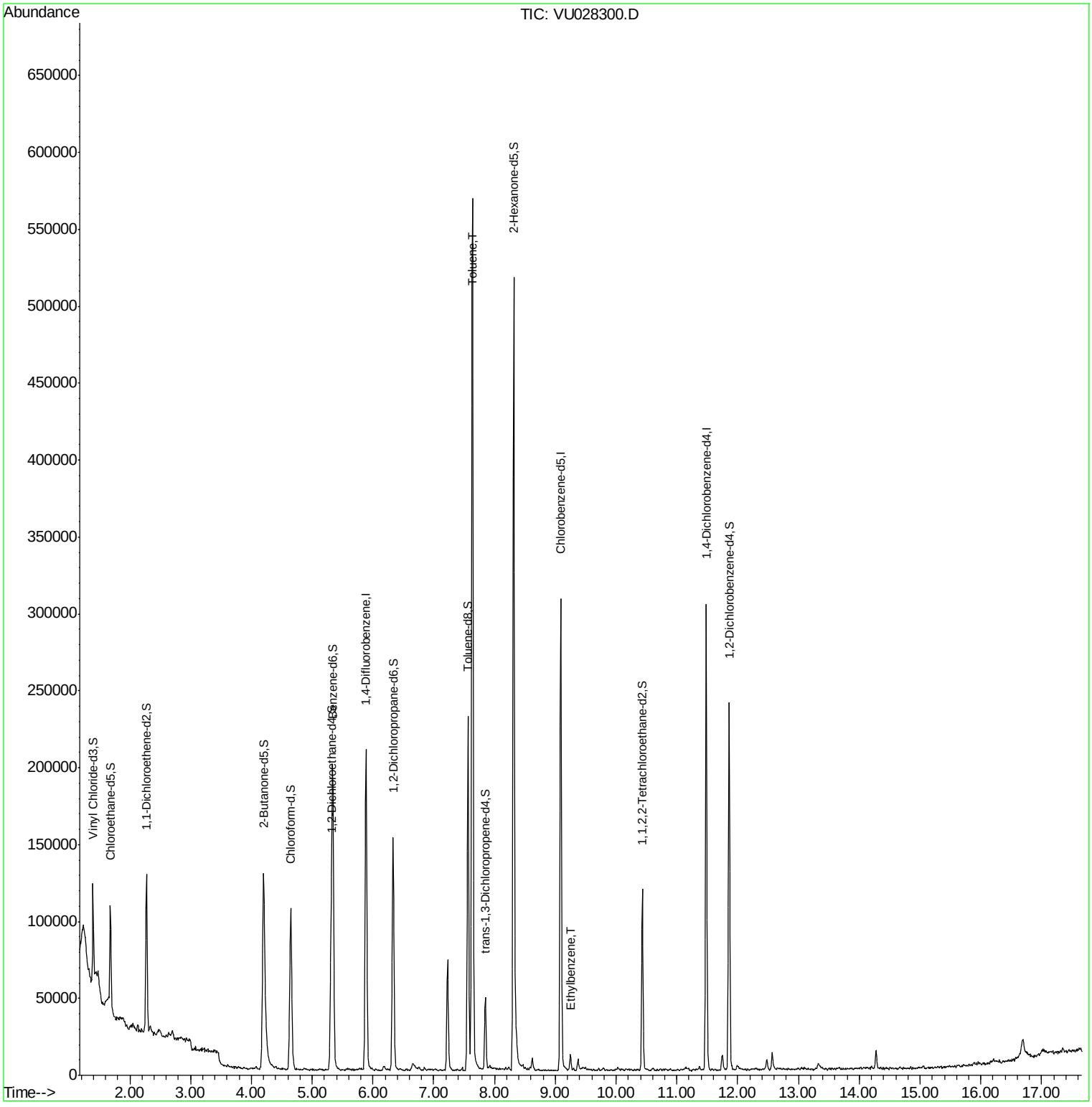
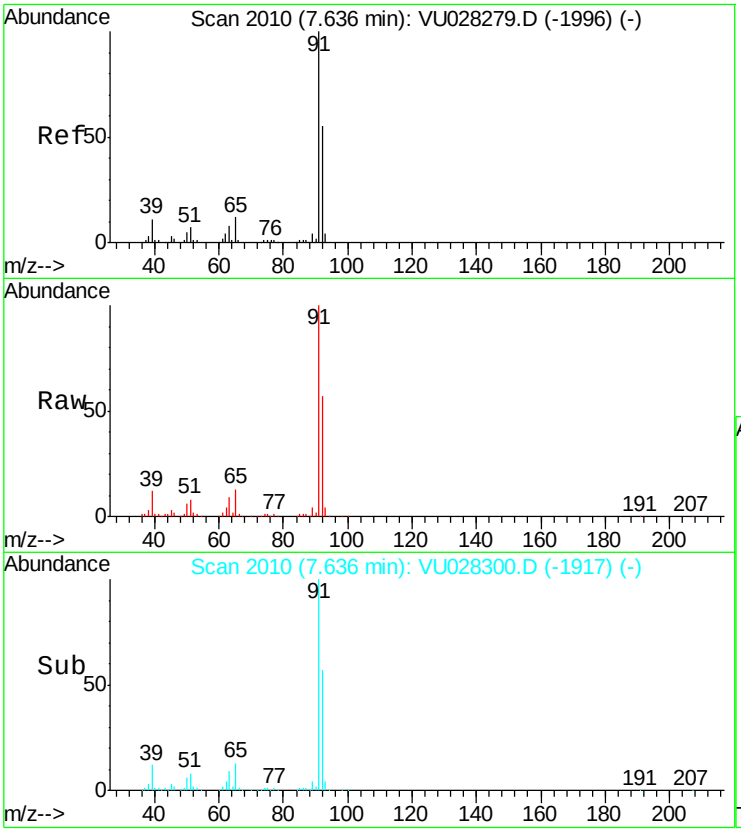


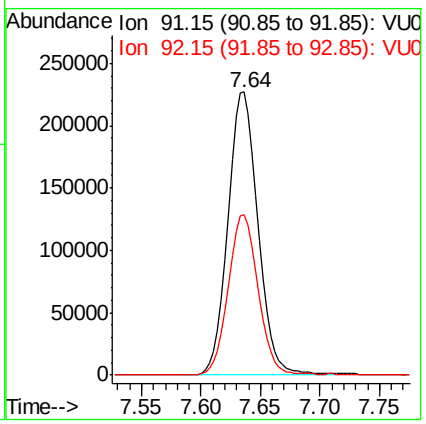


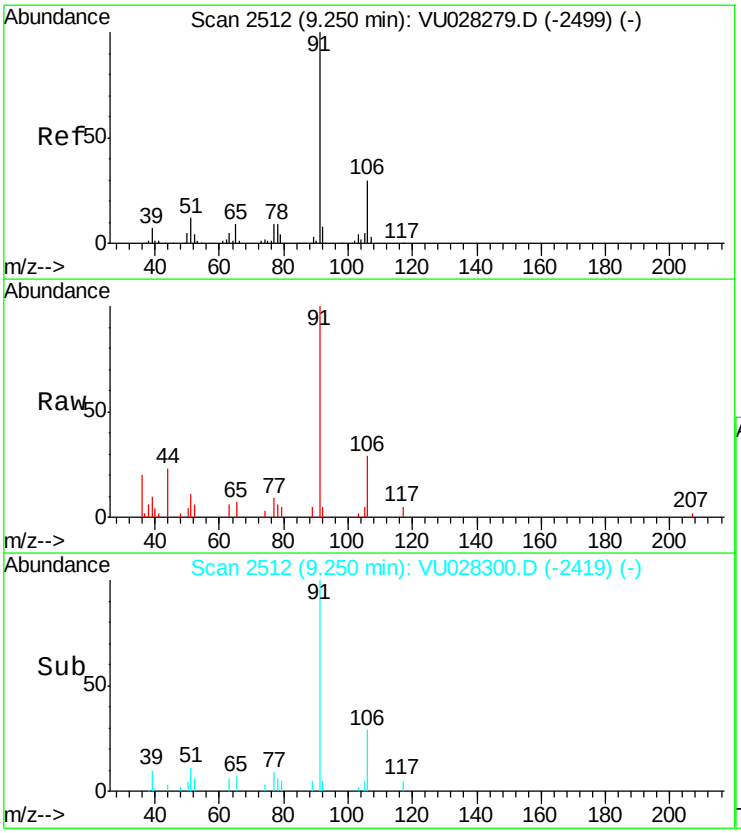
#42
Toluene
Concen: 7.84 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028300.D
Acq: 21 Nov 2018 00:06

Instrument : MSVOA_U
ClientSampleId : E3YA7

Tgt Ion: 91 Resp: 398279

Ion	Ratio	Lower	Upper
91	100		
92	56.9	39.0	72.4





#52
Ethylbenzene
Concen: 0.14 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028300.D
Acq: 21 Nov 2018 00:06

Tgt Ion: 91 Resp: 7744

Ion	Ratio	Lower	Upper
91	100		
106	28.5	19.3	35.9