Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\
Data File : VU034972.D
Acq On : 07 Oct 2019 20:14
Operator : JC/SP
Sample : K5219-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : RB-1-191001-01

Quant Time: Oct 09 05:24:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	180599	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	184075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74600	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	48046	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.68	69	46700	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.26	63	73299	3.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.20%			
20) 2-Butanone-d5	4.17	46	148999	47.39	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.78%			
24) Chloroform-d	4.62	84	94090	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.29	65	57840	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.32	84	205908	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.31	67	71134	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.55	98	187353	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	7.84	79	21972	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.30	63	113076	45.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.56%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58761	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	68618	5.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.00%			
Target Compounds						Qvalue
13) Acetone	2.31	43	17729	6.885	ug/L	98
42) Toluene	7.62	91	30754	0.531	ug/L	96
53) m,p-Xylene	9.36	106	3240	0.137	ug/L	94
55) Styrene	9.78	104	7030	0.188	ug/L	95

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

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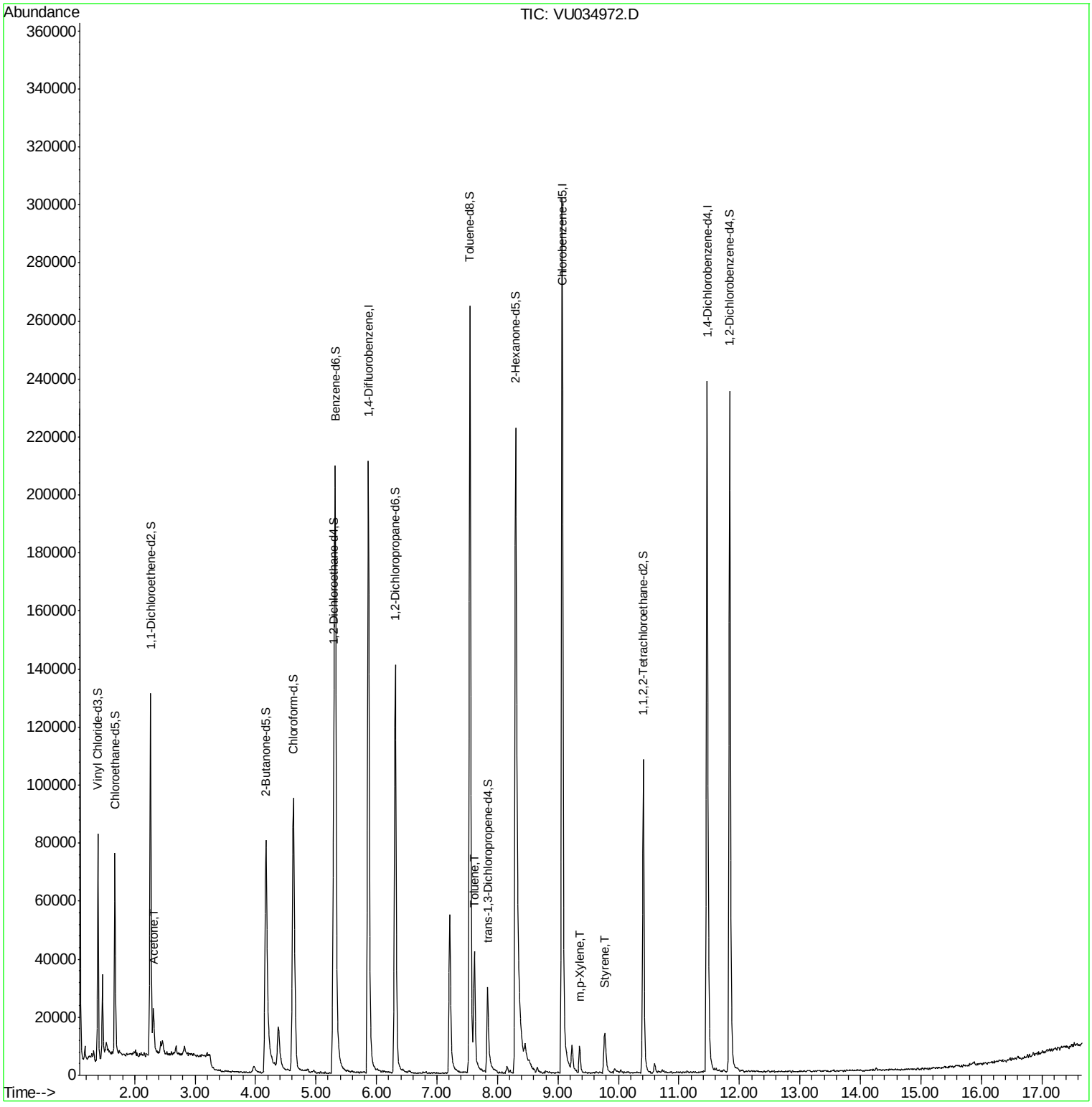
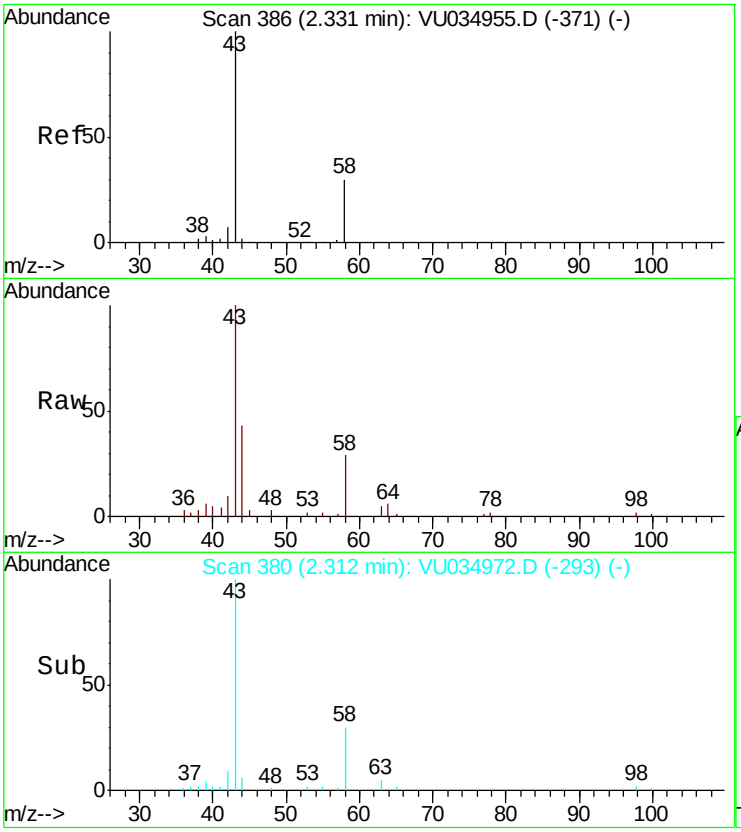


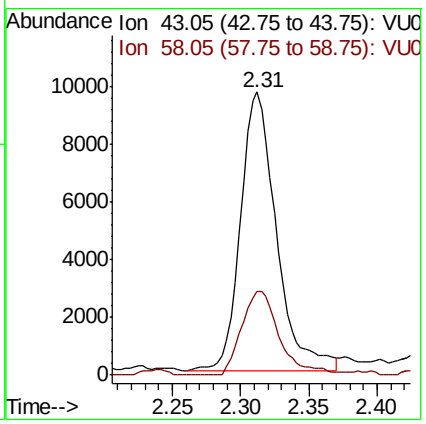


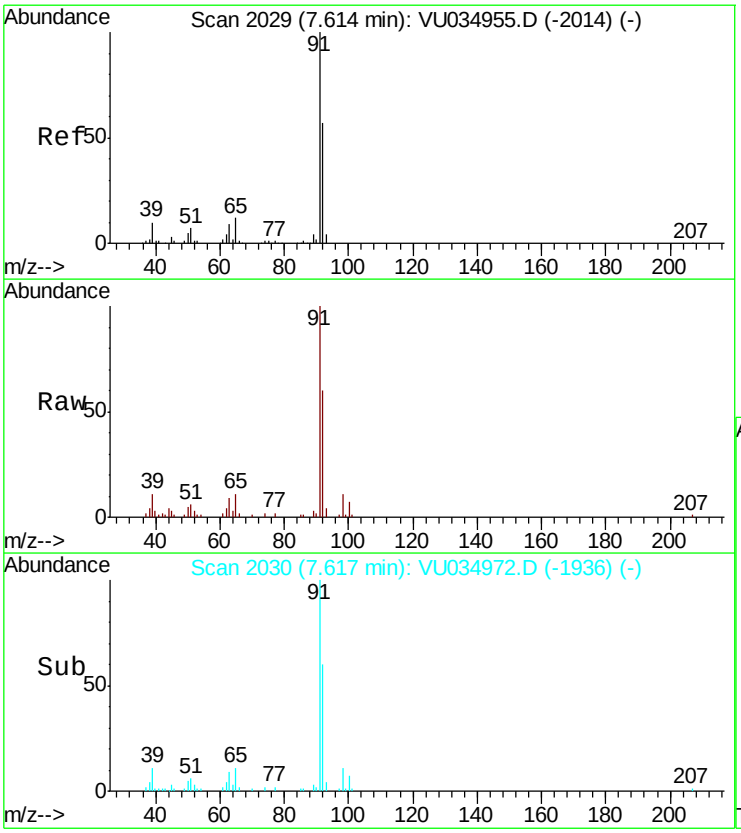
#13
Acetone
Concen: 6.885 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.02 min
Lab File: VU034972.D
Acq: 07 Oct 2019 20:14

Instrument : MSVOA_U
ClientSampleId : RB-1-191001-01

Tgt Ion: 43 Resp: 17729

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	60.8

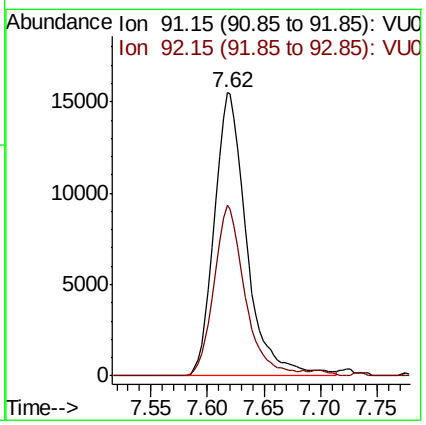


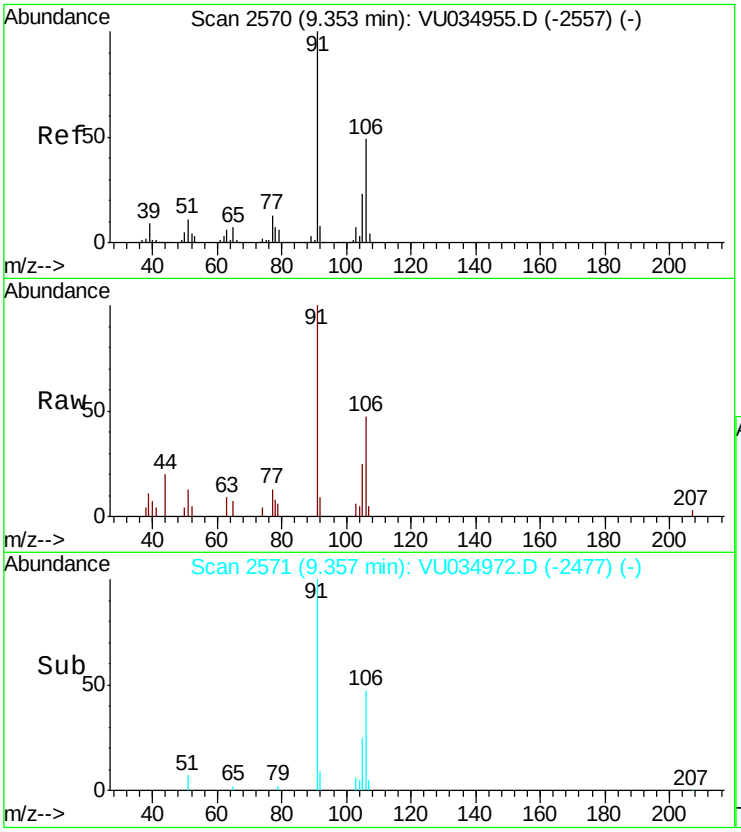


#42
Toluene
Concen: 0.531 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034972.D
Acq: 07 Oct 2019 20:14

Tgt Ion: 91 Resp: 30754

Ion	Ratio	Lower	Upper
91	100		
92	60.3	40.2	74.6



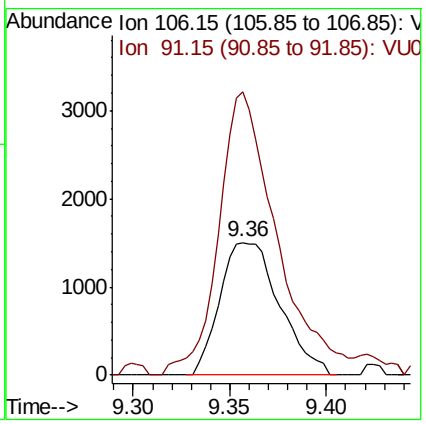


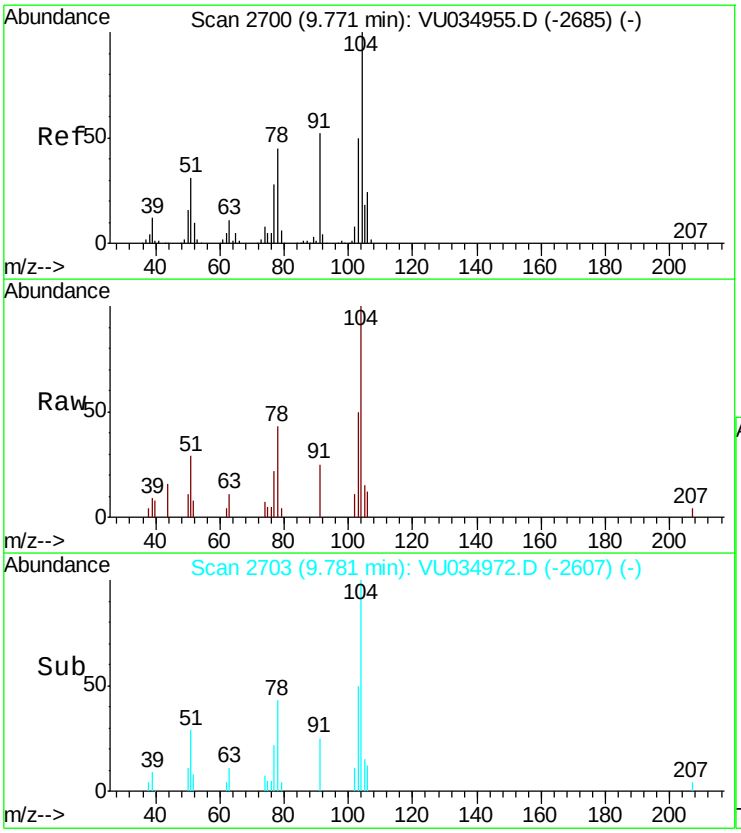
#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034972.D
Acq: 07 Oct 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191001-01

Tgt Ion:106 Resp: 3240

Ion	Ratio	Lower	Upper
106	100		
91	213.1	143.1	265.9





#55
Styrene
Concen: 0.188 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU034972.D
Acq: 07 Oct 2019 20:14

Tgt Ion:104 Resp: 7030

Ion	Ratio	Lower	Upper
104	100		
78	43.2	32.7	60.7