Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034414.D
Acq On : 08 Sep 2019 05:30
Operator : JC/SP
Sample : K4703-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA1

Quant Time: Sep 09 06:46:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	256900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	116167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74632	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.68	69	66877	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.26	63	106697	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.17	46	214091	53.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.12%			
24) Chloroform-d	4.63	84	158849	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.29	65	77042	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.32	84	317563	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.31	67	104131	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.55	98	266376	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloropropene-	7.83	79	31430	3.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.00%			
46) 2-Hexanone-d5	8.30	63	149865	43.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.06%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	86293	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	108972	5.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.20%			
Target Compounds						Qvalue
13) Acetone	2.31	43	10738	4.013	ug/L	99
17) Methyl tert-butyl Ether	2.99	73	5394	0.136	ug/L #	91
47) Tetrachloroethene	8.21	164	3094	0.175	ug/L	90

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

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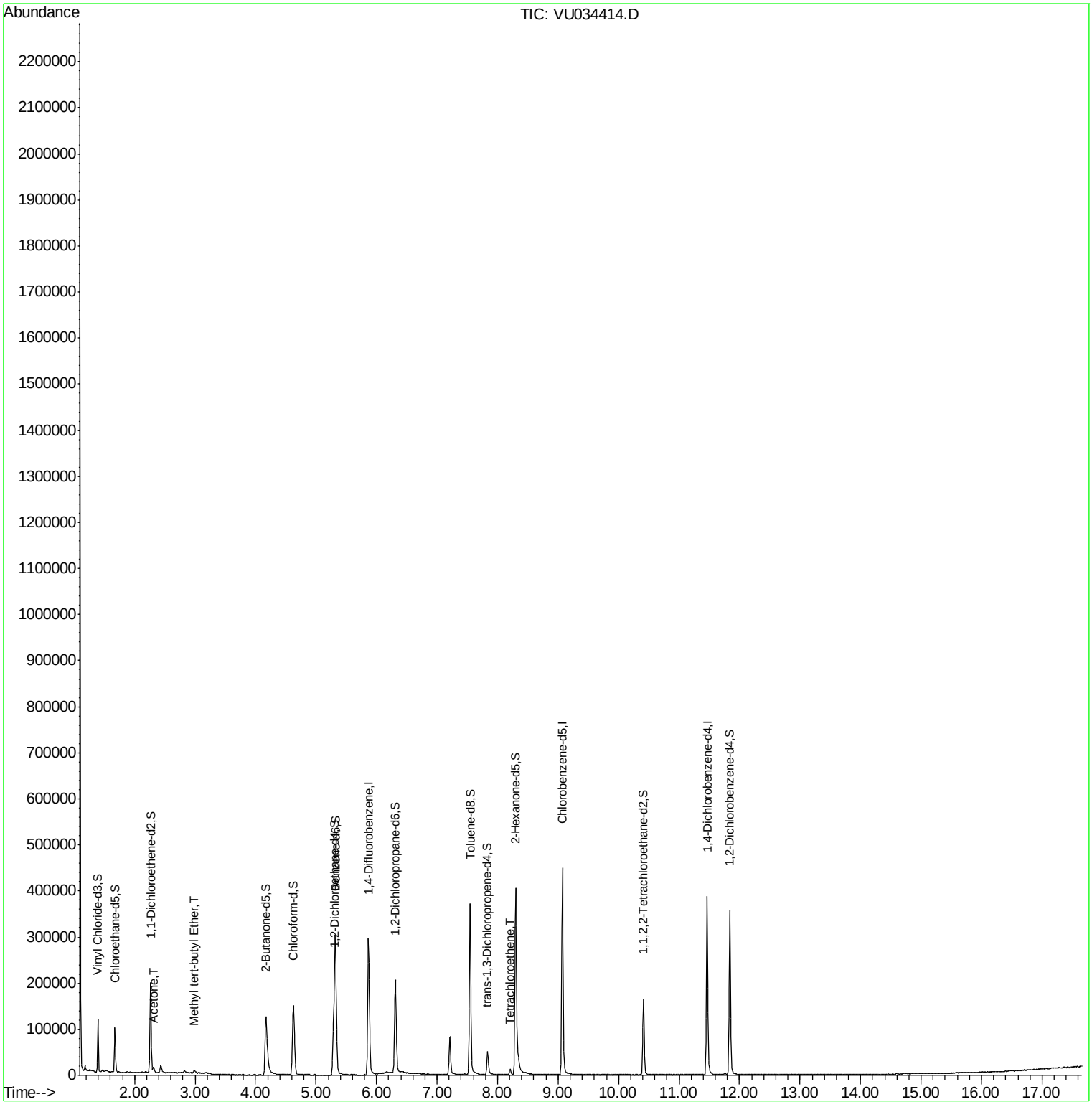
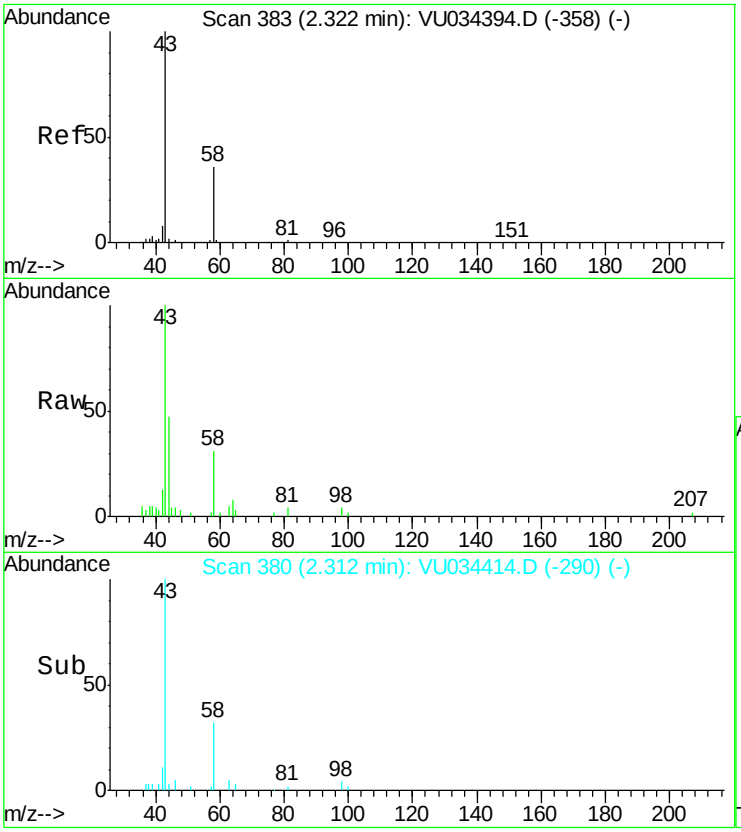


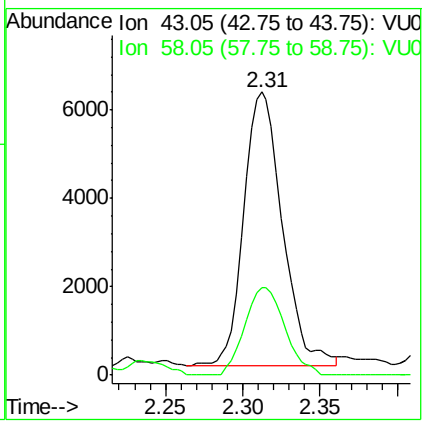


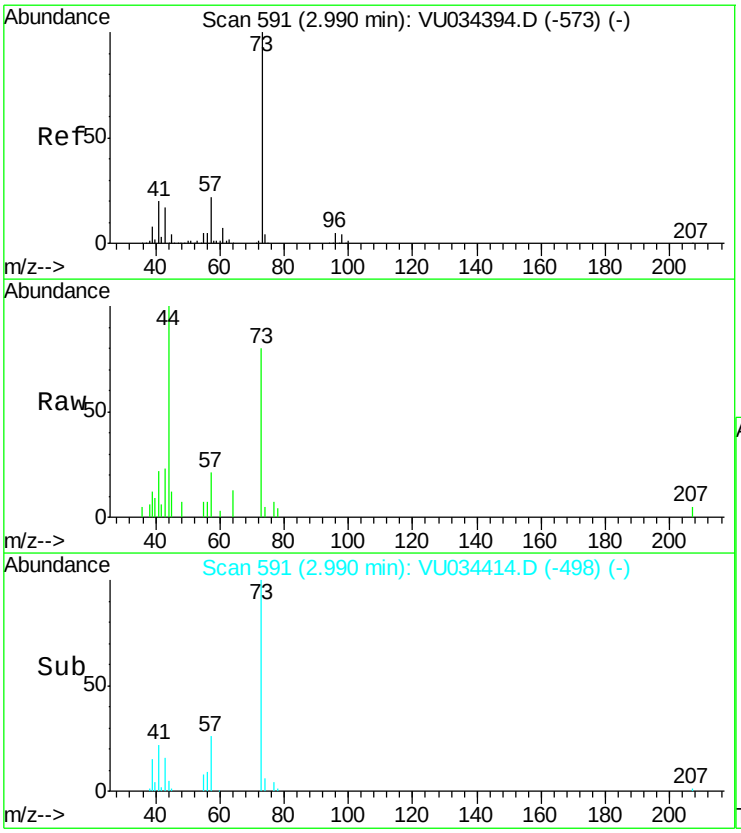
#13
Acetone
Concen: 4.013 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.01 min
Lab File: VU034414.D
Acq: 08 Sep 2019 05:30

Instrument :
MSVOA_U
ClientSampleId :
BFDA1

Tgt Ion: 43 Resp: 10738

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	67.6

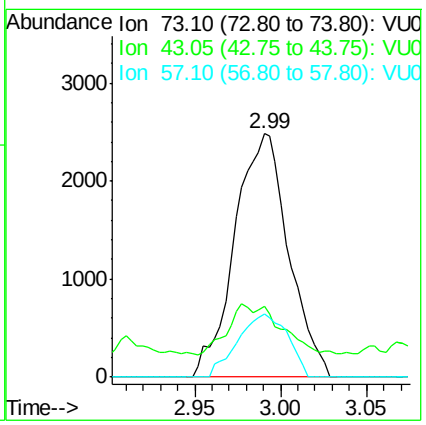


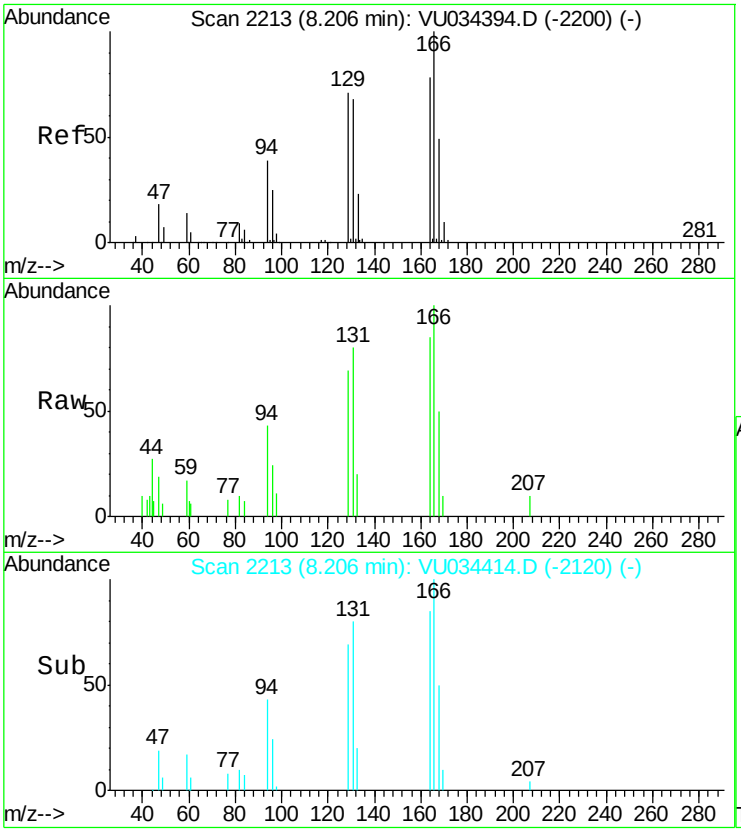


#17
Methyl tert-butyl Ether
Concen: 0.136 ug/L
RT: 2.99 min Scan# 591
Delta R.T. 0.00 min
Lab File: VU034414.D
Acq: 08 Sep 2019 05:30

Tgt Ion: 73 Resp: 5394

Ion	Ratio	Lower	Upper
73	100		
43	10.3	14.7	22.1#
57	23.9	18.6	27.8





#47
Tetrachloroethene
Concen: 0.175 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034414.D
Acq: 08 Sep 2019 05:30

Instrument :
MSVOA_U
ClientSampleId :
BFDA1

Tgt Ion:164 Resp: 3094

Ion	Ratio	Lower	Upper
164	100		
129	81.7	68.0	126.2
131	94.1	64.6	120.0
166	117.7	92.0	170.8