Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010720\
Data File : VU036396.D
Acq On : 07 Jan 2020 16:27
Operator : JC/MD
Sample : L1042-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFRA1

Quant Time: Jan 08 04:37:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 08 03:56:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	449783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	425425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	156224	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	170430	48.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.26%			
7) Chloroethane-d5	1.93	69	150017	50.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.48%			
11) 1,1-Dichloroethene-d2	2.59	63	259577	43.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.96%			
21) 2-Butanone-d5	4.68	46	307430	117.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.79%			
24) Chloroform-d	5.11	84	357373	58.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.84%			
26) 1,2-Dichloroethane-d4	5.75	65	242324	59.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.50%			
32) Benzene-d6	5.77	84	713466	60.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.48%			
36) 1,2-Dichloropropane-d6	6.73	67	236588	59.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.12%			
41) Toluene-d8	7.93	98	687057	60.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.86%#			
43) trans-1,3-Dichloropropene-	8.21	79	122116	56.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.32%			
47) 2-Hexanone-d5	8.67	63	227167	110.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.89%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	343602	57.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.06%			
64) 1,2-Dichlorobenzene-d4	12.22	152	198077	60.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.88%#			
Target Compounds						Qvalue
13) Acetone	2.66	43	7234	2.672	ug/L	96
19) 1,1-Dichloroethane	3.92	63	17054	3.028	ug/L	89
53) m,p-Xylene	9.72	106	4888	0.841	ug/L	96

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

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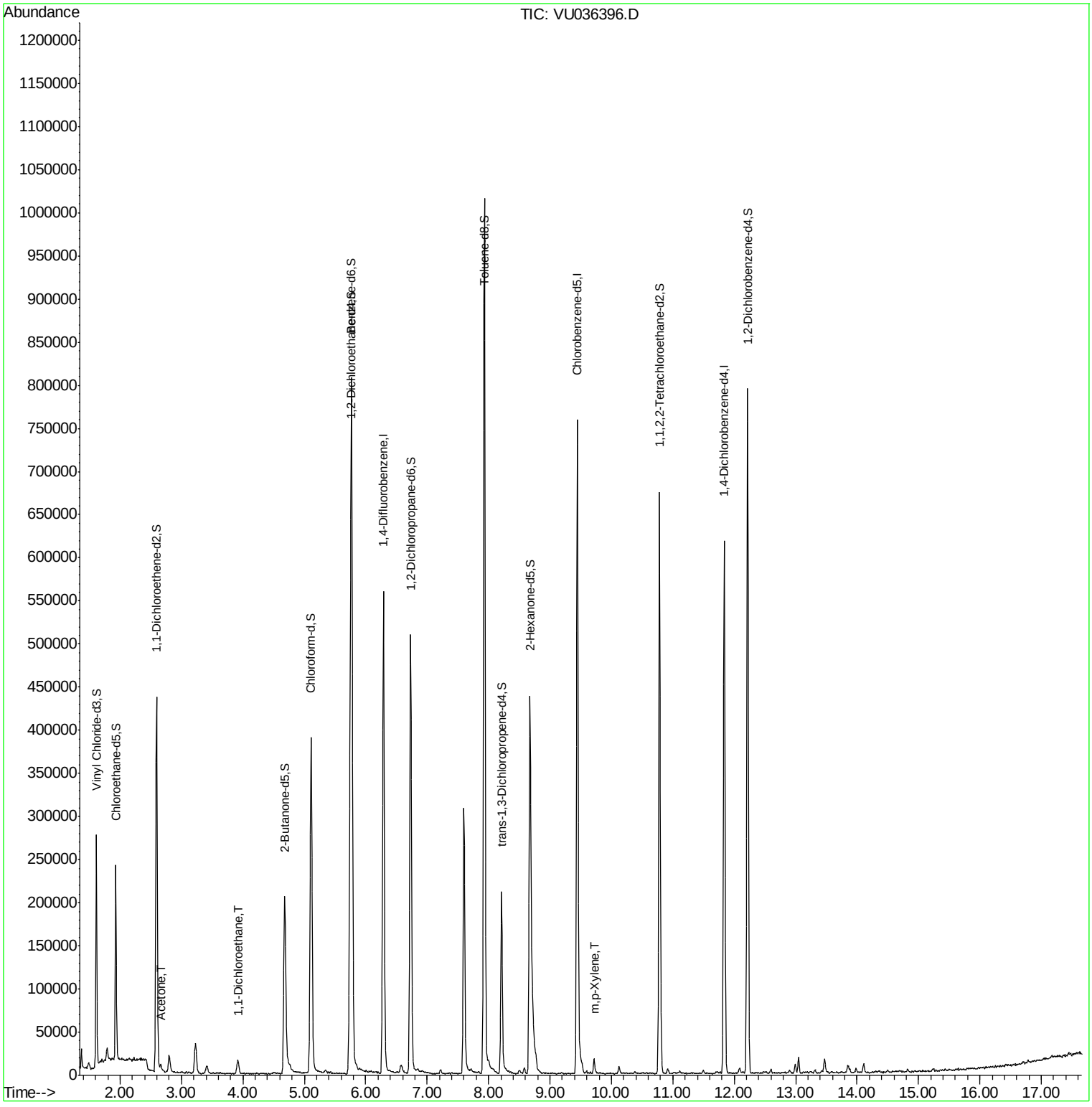
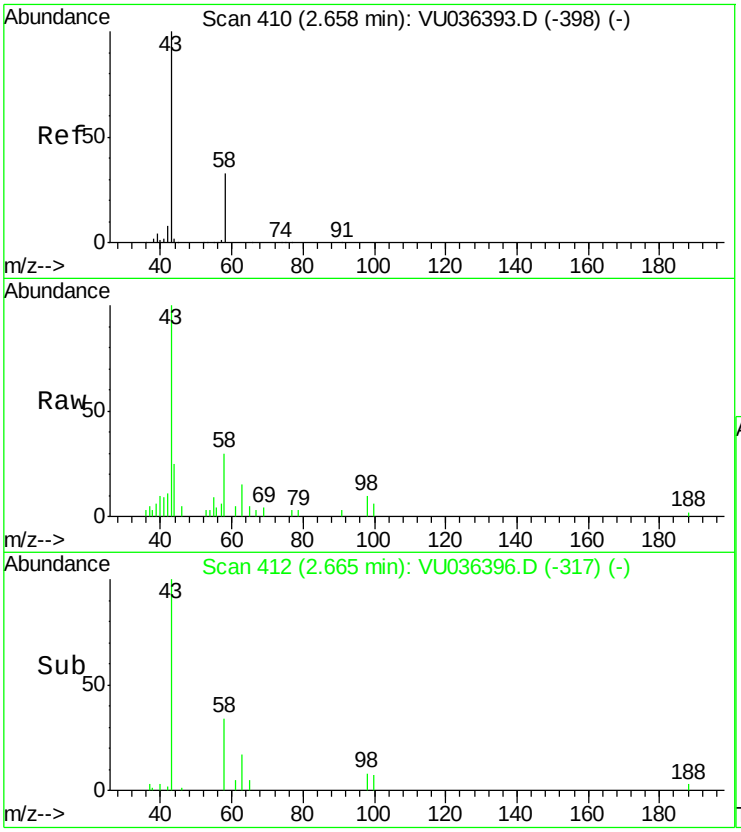


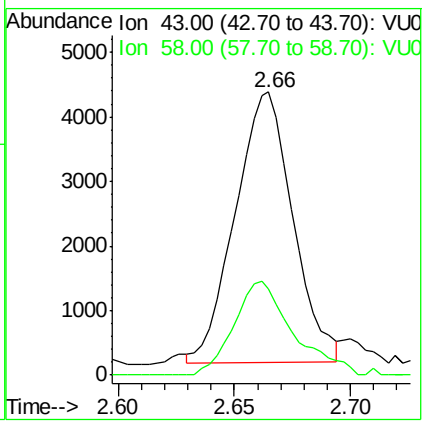


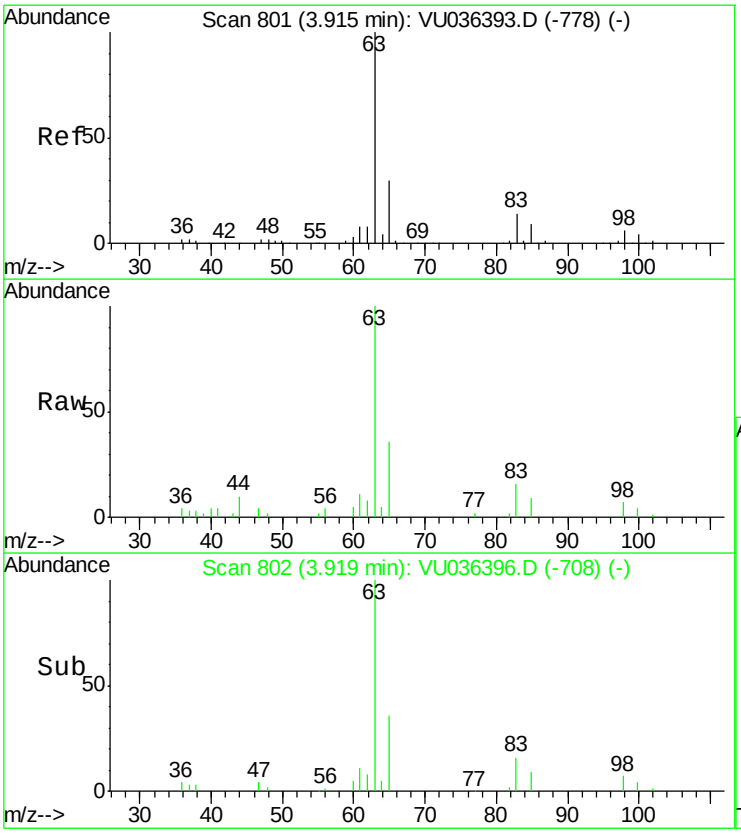
#13
Acetone
Concen: 2.672 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU036396.D
Acq: 07 Jan 2020 16:27

Instrument :
MSVOA_U
ClientSampleId :
BFRA1

Tgt Ion: 43 Resp: 7234

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	66.2

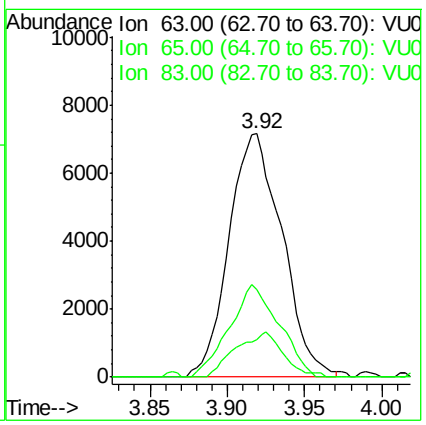


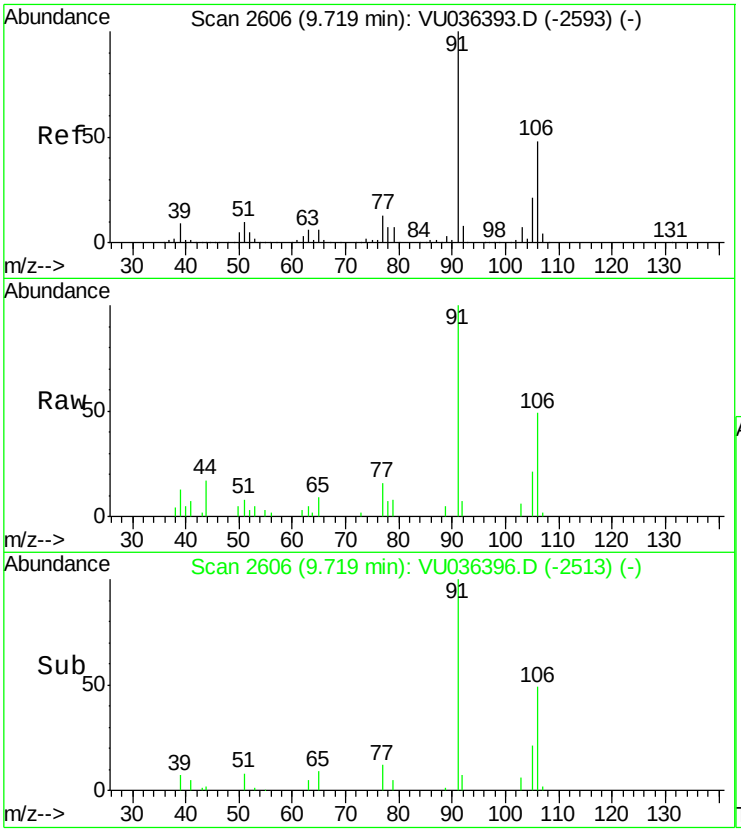


#19
1,1-Dichloroethane
Concen: 3.028 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036396.D
Acq: 07 Jan 2020 16:27

Tgt Ion: 63 Resp: 17054

Ion	Ratio	Lower	Upper
63	100		
65	35.9	20.0	37.2
83	15.5	9.6	17.8





#53
m,p-Xylene
Concen: 0.841 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036396.D
Acq: 07 Jan 2020 16:27

Instrument :
MSVOA_U
ClientSampleId :
BFRA1

Tgt Ion:106 Resp: 4888

Ion	Ratio	Lower	Upper
106	100		
91	203.3	146.8	272.6