Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
Data File : VU036406.D
Acq On : 08 Jan 2020 14:40
Operator : JC/MD
Sample : L1042-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFRA3

Quant Time: Jan 09 04:31:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 09 03:50:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	496803	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	468028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	180706	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	164175	42.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.82%			
7) Chloroethane-d5	1.93	69	145640	44.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	2.59	63	253061	38.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.74%			
21) 2-Butanone-d5	4.68	46	290455	100.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.76%			
24) Chloroform-d	5.11	84	352584	52.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.36%			
26) 1,2-Dichloroethane-d4	5.74	65	241334	53.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.74%			
32) Benzene-d6	5.77	84	703859	54.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.04%			
36) 1,2-Dichloropropane-d6	6.73	67	230637	52.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.56%			
41) Toluene-d8	7.93	98	659439	52.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.44%			
43) trans-1,3-Dichloropropene-	8.21	79	119957	50.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.18%			
47) 2-Hexanone-d5	8.67	63	215960	95.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.82%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	329530	49.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.44%			
64) 1,2-Dichlorobenzene-d4	12.22	152	192504	50.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.58%			
Target Compounds						Qvalue
13) Acetone	2.66	43	9707	3.246	ug/L	94
19) 1,1-Dichloroethane	3.91	63	8818	1.417	ug/L	95
46) Tetrachloroethene	8.58	164	3795	1.488	ug/L	97

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

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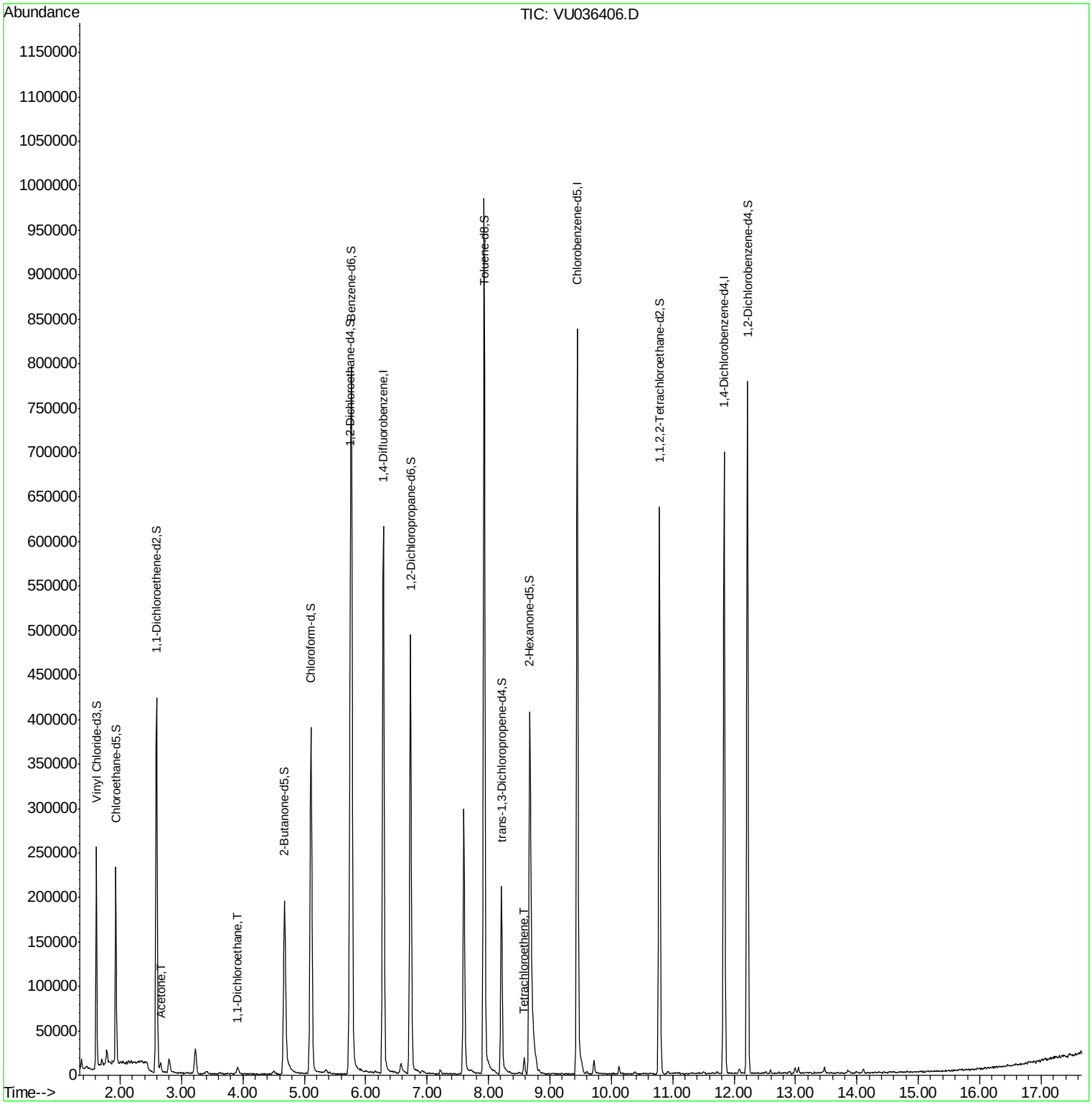
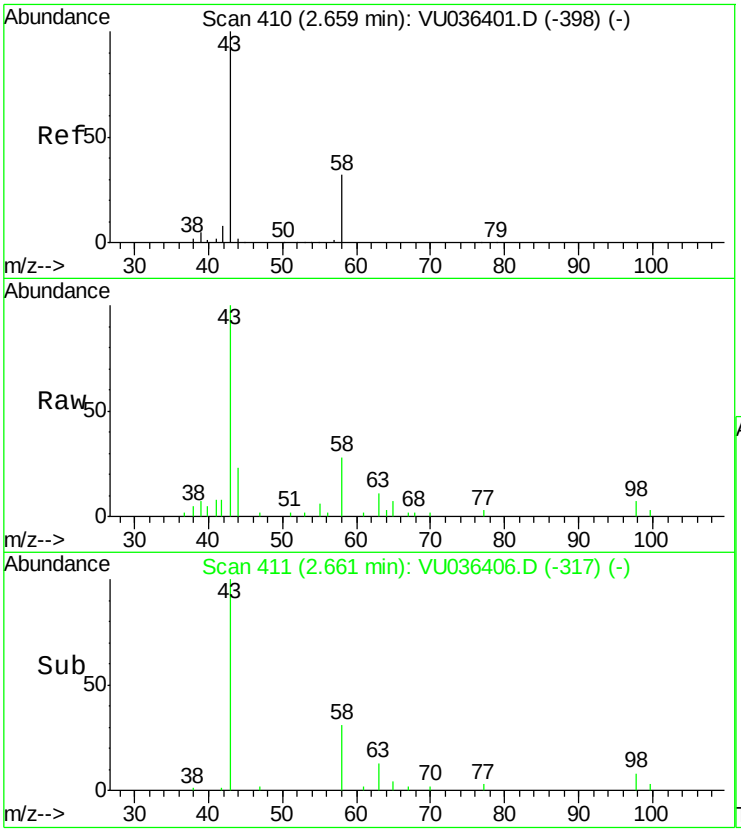


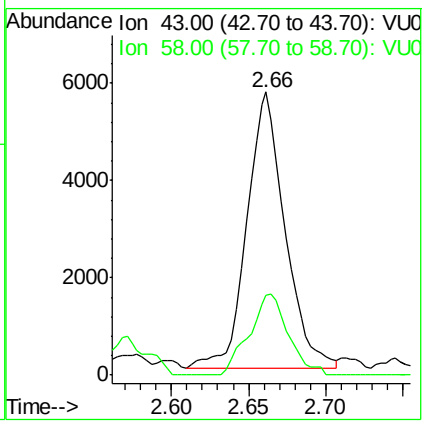


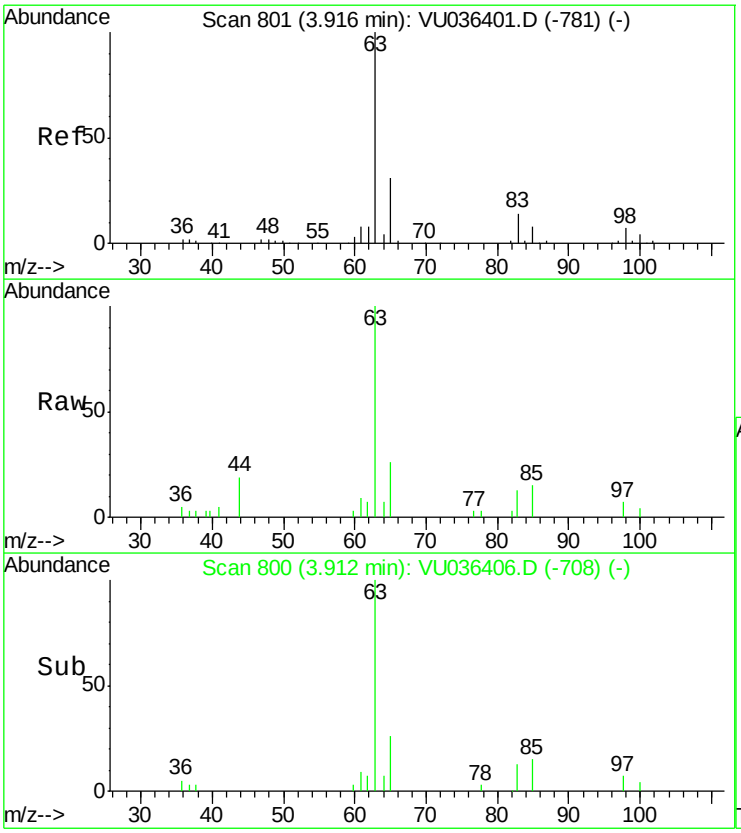
#13
Acetone
Concen: 3.246 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036406.D
Acq: 08 Jan 2020 14:40

Instrument :
MSVOA_U
ClientSampleId :
BFRA3

Tgt Ion: 43 Resp: 9707

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	66.2

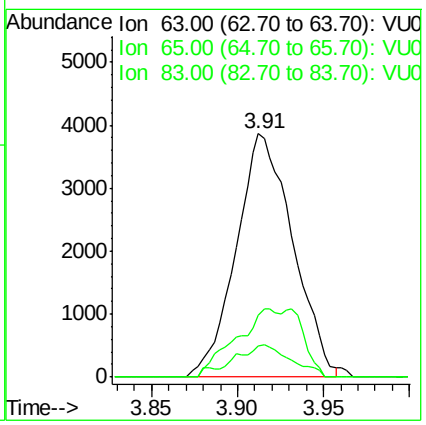


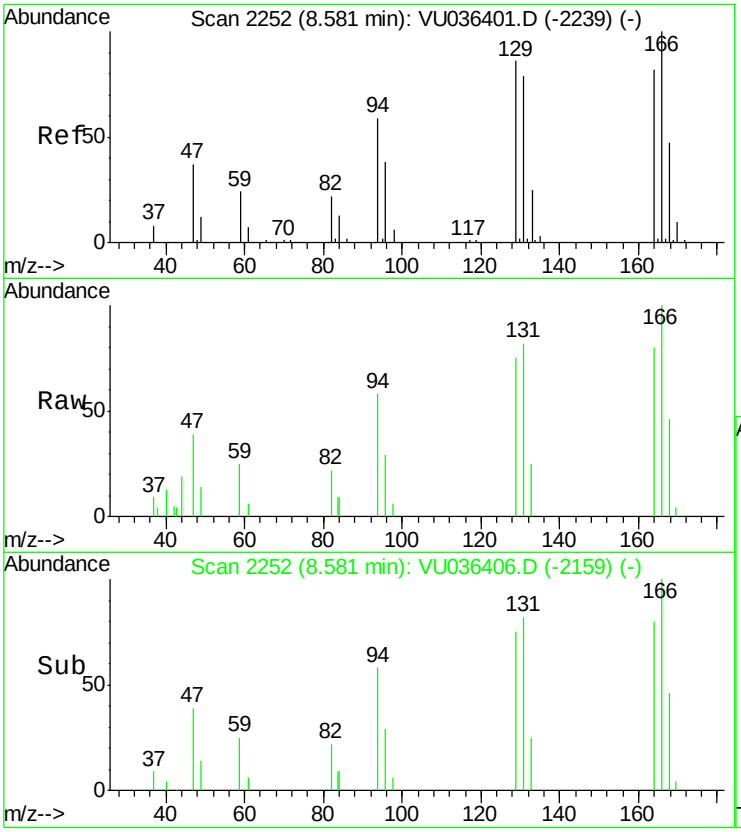


#19
1,1-Dichloroethane
Concen: 1.417 ug/L
RT: 3.91 min Scan# 800
Delta R.T. -0.00 min
Lab File: VU036406.D
Acq: 08 Jan 2020 14:40

Tgt Ion: 63 Resp: 8818

Ion	Ratio	Lower	Upper
63	100		
65	25.6	20.0	37.2
83	12.7	9.6	17.8





#46
Tetrachloroethene
Concen: 1.488 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036406.D
Acq: 08 Jan 2020 14:40

Instrument :
MSVOA_U
ClientSampleId :
BFRA3

Tgt Ion:164 Resp: 3795

Ion	Ratio	Lower	Upper
164	100		
129	93.9	70.0	130.0
131	103.6	70.1	130.1
166	125.7	87.2	161.9