Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
Data File : VU034706.D
Acq On : 20 Sep 2019 22:23
Operator : JC/SP
Sample : K4948-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX9

Quant Time: Sep 21 06:10:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	441466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	424748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	178539	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	180196	39.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.74%			
7) Chloroethane-d5	1.67	69	155357	44.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.96%			
11) 1,1-Dichloroethene-d2	2.26	63	245750	32.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.22%			
21) 2-Butanone-d5	4.15	46	355762	102.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.71%			
24) Chloroform-d	4.62	84	315196	47.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.94%			
26) 1,2-Dichloroethane-d4	5.29	65	228960	47.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.80%			
32) Benzene-d6	5.32	84	636287	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
36) 1,2-Dichloropropane-d6	6.31	67	227638	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.94%			
41) Toluene-d8	7.54	98	580446	46.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.68%			
43) trans-1,3-Dichloropropene-	7.83	79	100946	45.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.60%			
47) 2-Hexanone-d5	8.29	63	229498	99.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.30%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	300102	47.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	191969	51.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.56%			
Target Compounds						Qvalue
13) Acetone	2.31	43	18879	4.686	ug/L	97
33) Benzene	5.37	78	17882	1.214	ug/L	100
42) Toluene	7.62	91	23439	1.472	ug/L	93
46) Tetrachloroethene	8.21	164	33615	13.135	ug/L	96

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

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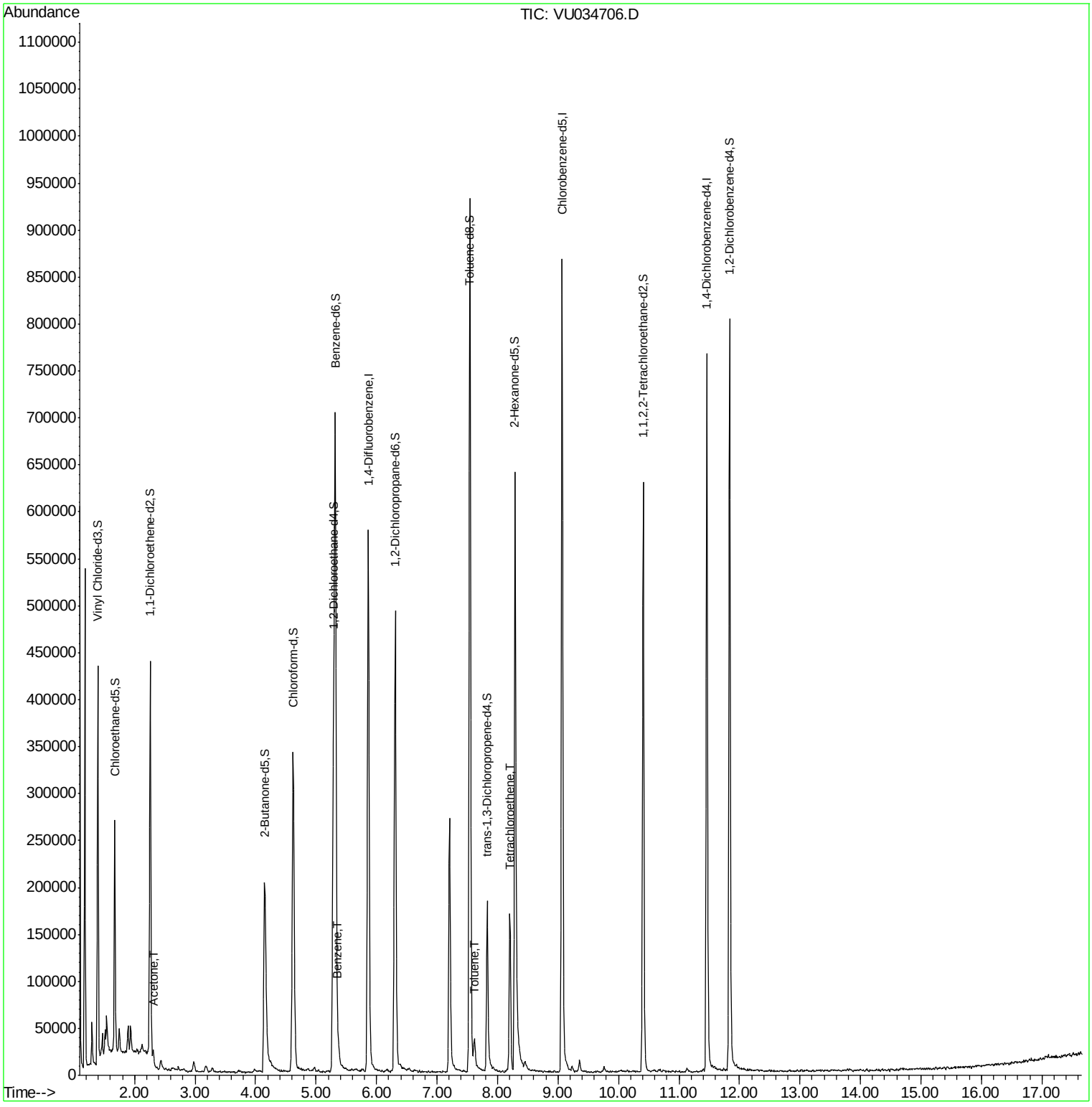
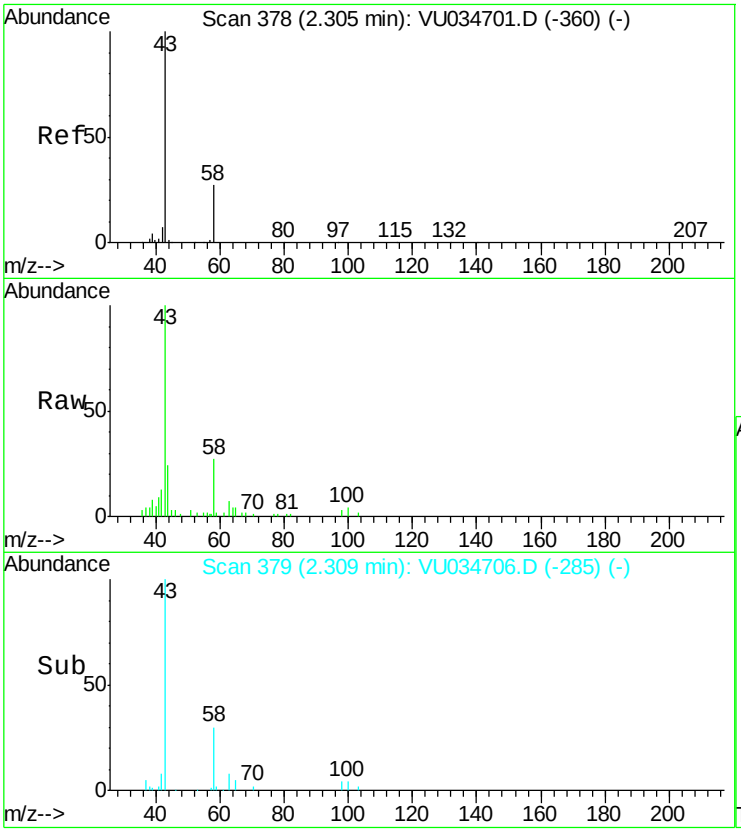


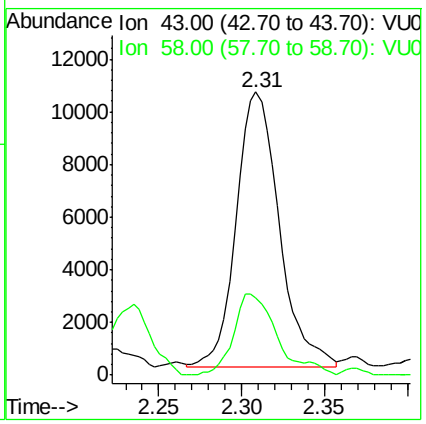


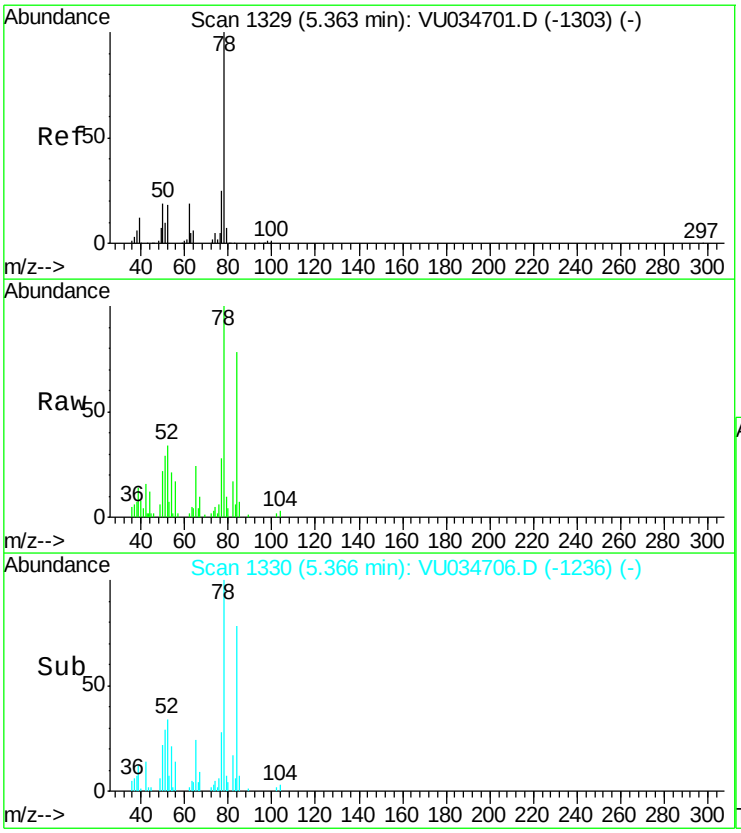
#13
Acetone
Concen: 4.686 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU034706.D
Acq: 20 Sep 2019 22:23

Instrument :
MSVOA_U
ClientSampleId :
BFCX9

Tgt Ion: 43 Resp: 18879

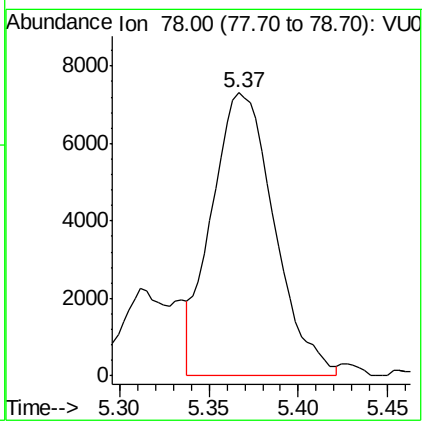
Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	53.4

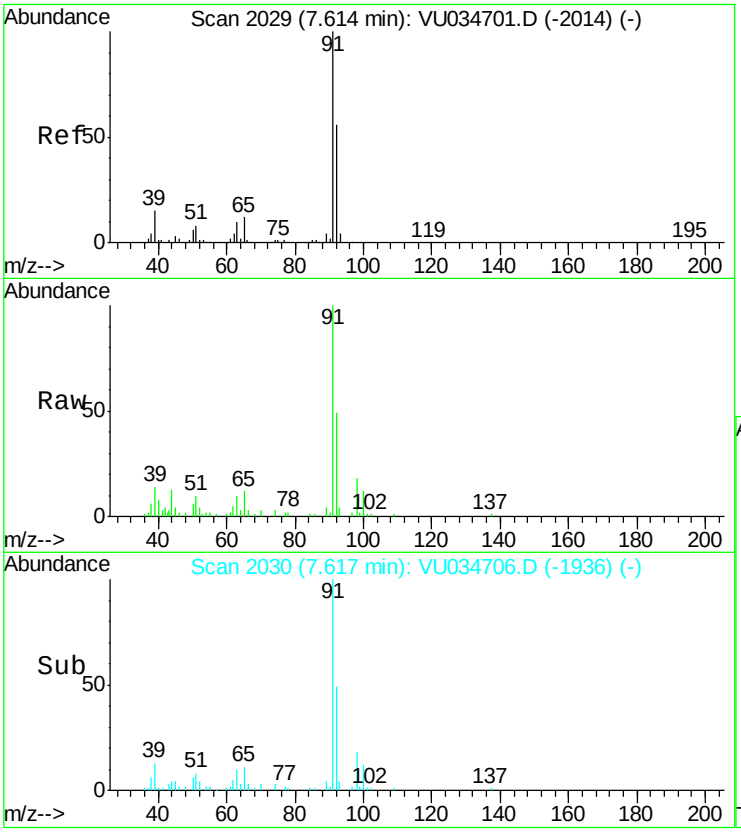




#33
Benzene
Concen: 1.214 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034706.D
Acq: 20 Sep 2019 22:23

Tgt Ion: 78 Resp: 17882



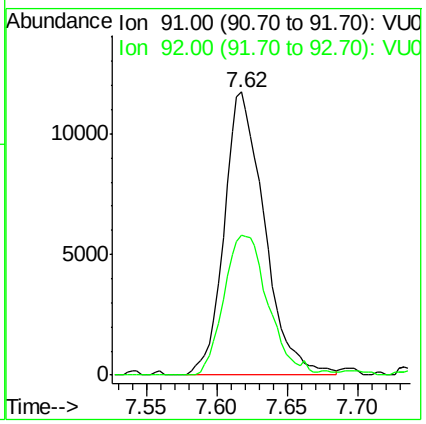


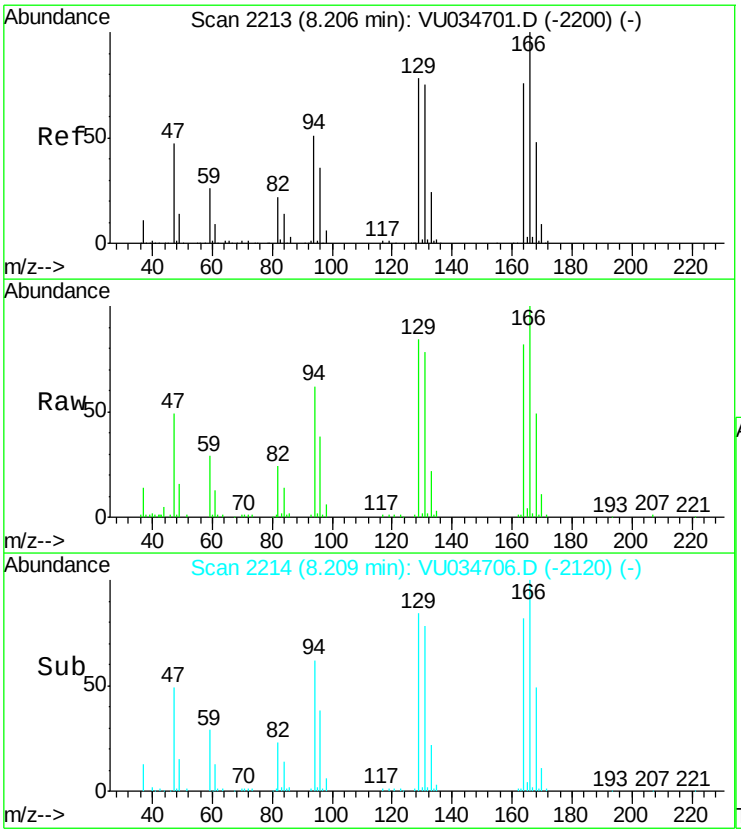
#42
Toluene
Concen: 1.472 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034706.D
Acq: 20 Sep 2019 22:23

Instrument : MSVOA_U
ClientSampleId : BFCX9

Tgt Ion: 91 Resp: 23439

Ion	Ratio	Lower	Upper
91	100		
92	49.3	38.2	71.0





#46
Tetrachloroethene
Concen: 13.135 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034706.D
Acq: 20 Sep 2019 22:23

Tgt Ion:164 Resp: 33615

Ion	Ratio	Lower	Upper
164	100		
129	102.3	71.9	133.5
131	94.9	66.3	123.1
166	122.3	93.4	173.6