Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\
Data File : VU030120.D
Acq On : 15 Mar 2019 18:53
Operator : JC/SP
Sample : K1917-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F9

Quant Time: Mar 16 01:25:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	521337	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233908	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	126601	36.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.42%			
7) Chloroethane-d5	1.68	69	113887	40.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.82%			
11) 1,1-Dichloroethene-d2	2.27	63	184312	29.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.22%#			
21) 2-Butanone-d5	4.17	46	262820	101.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.72%			
24) Chloroform-d	4.65	84	280749	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.78%			
26) 1,2-Dichloroethane-d4	5.31	65	169871	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.08%			
32) Benzene-d6	5.34	84	582098	44.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.32%			
36) 1,2-Dichloropropane-d6	6.33	67	191442	47.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.90%			
41) Toluene-d8	7.56	98	532789	43.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.32%			
43) trans-1,3-Dichloropropene-	7.85	79	75903	38.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.68%			
47) 2-Hexanone-d5	8.31	63	208745	92.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.47%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293447	47.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.66%			
64) 1,2-Dichlorobenzene-d4	11.86	152	222317	49.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.12%			
Target Compounds						Qvalue
33) Benzene	5.39	78	127016	8.668	ug/L	100
51) Chlorobenzene	9.12	112	58027	5.402	ug/L	98

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

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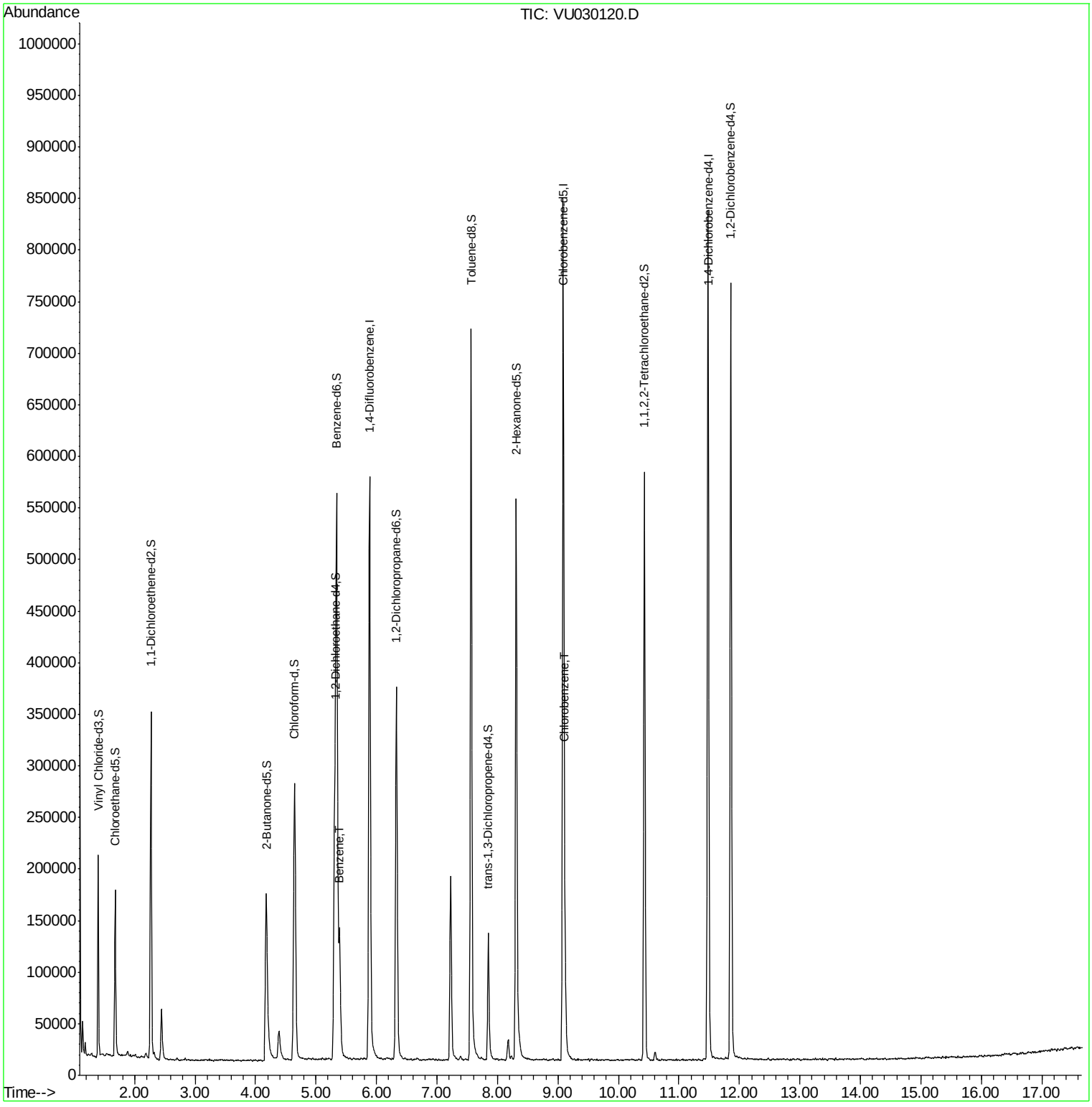
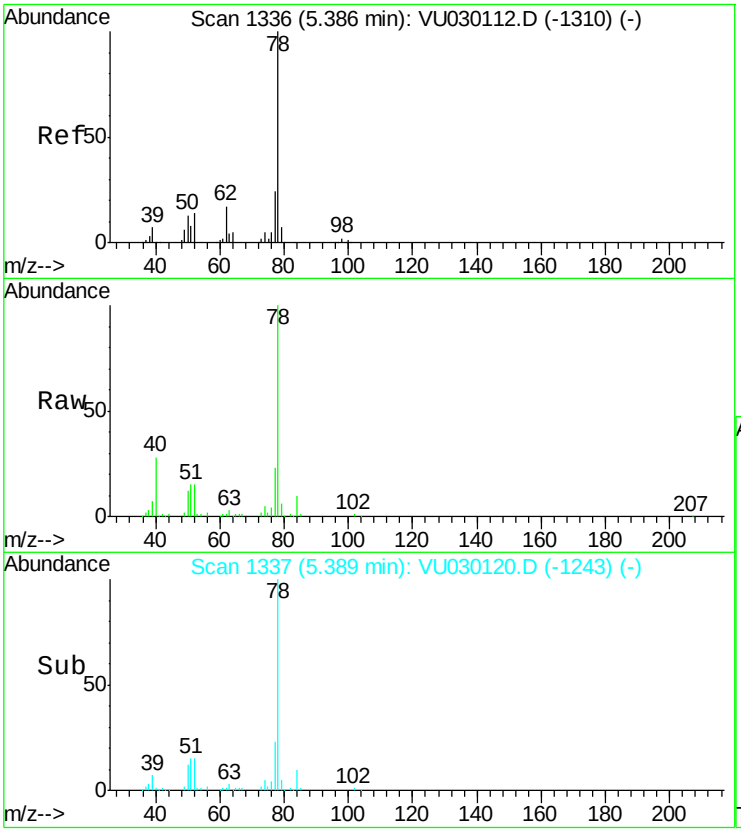
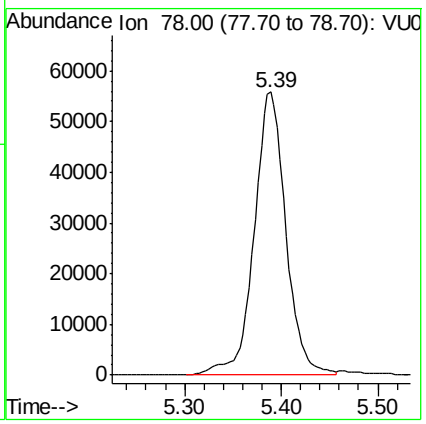


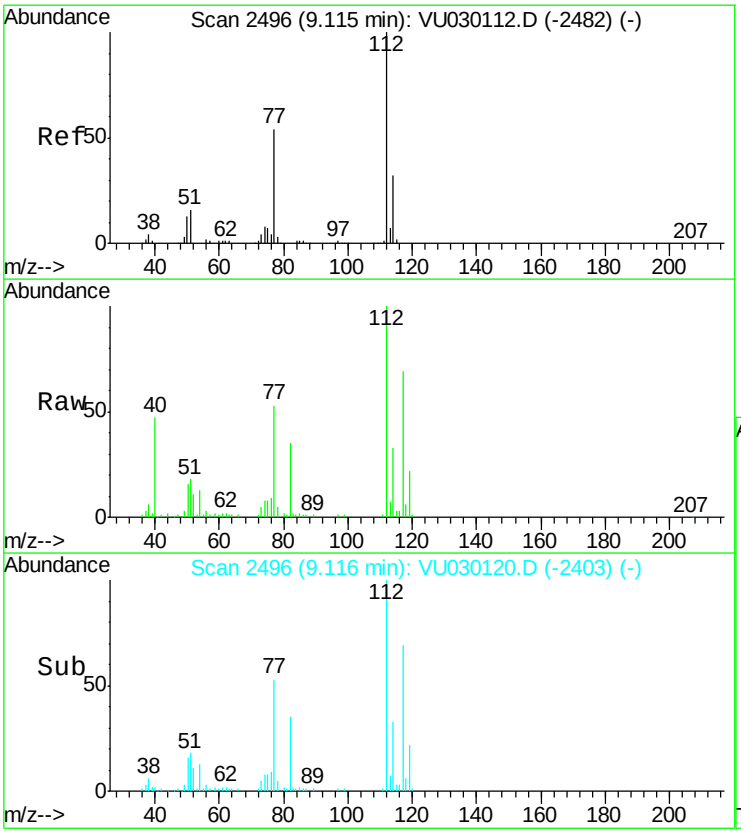


#33
Benzene
Concen: 8.668 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030120.D
Acq: 15 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
C09F9

Tgt Ion: 78 Resp: 127016





#51
Chlorobenzene
Concen: 5.402 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030120.D
Acq: 15 Mar 2019 18:53

Tgt Ion:112 Resp: 58027

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.5	41.9
77	53.5	44.6	66.8