Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\
Data File : VU026951.D
Acq On : 20 Sep 2018 22:22
Operator : MD/SY
Sample : J5012-08 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M1

Quant Time: Sep 21 06:48:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	187460	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60574	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	82412	59.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 118.86%			
7) Chloroethane-d5	1.67	69	71736	60.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.88%			
11) 1,1-Dichloroethene-d2	2.27	63	111094	42.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.68%			
21) 2-Butanone-d5	4.18	46	137327	149.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 149.23%#			
24) Chloroform-d	4.65	84	149977	58.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.60%			
26) 1,2-Dichloroethane-d4	5.31	65	98666	60.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.84%			
32) Benzene-d6	5.34	84	299732	63.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.74%#			
36) 1,2-Dichloropropane-d6	6.33	67	99488	65.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 131.58%#			
41) Toluene-d8	7.57	98	241812	57.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.06%			
43) trans-1,3-Dichloropropene-	7.85	79	40922	60.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 121.22%			
47) 2-Hexanone-d5	8.31	63	98511	165.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 165.76%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142762	67.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 135.42%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	93576	74.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 148.52%#			
Target Compounds						Qvalue
51) Chlorobenzene	9.12	112	3895	1.093	ug/L #	87
63) 1,4-Dichlorobenzene	11.51	146	3279	1.613	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	3274	1.601	ug/L	95

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

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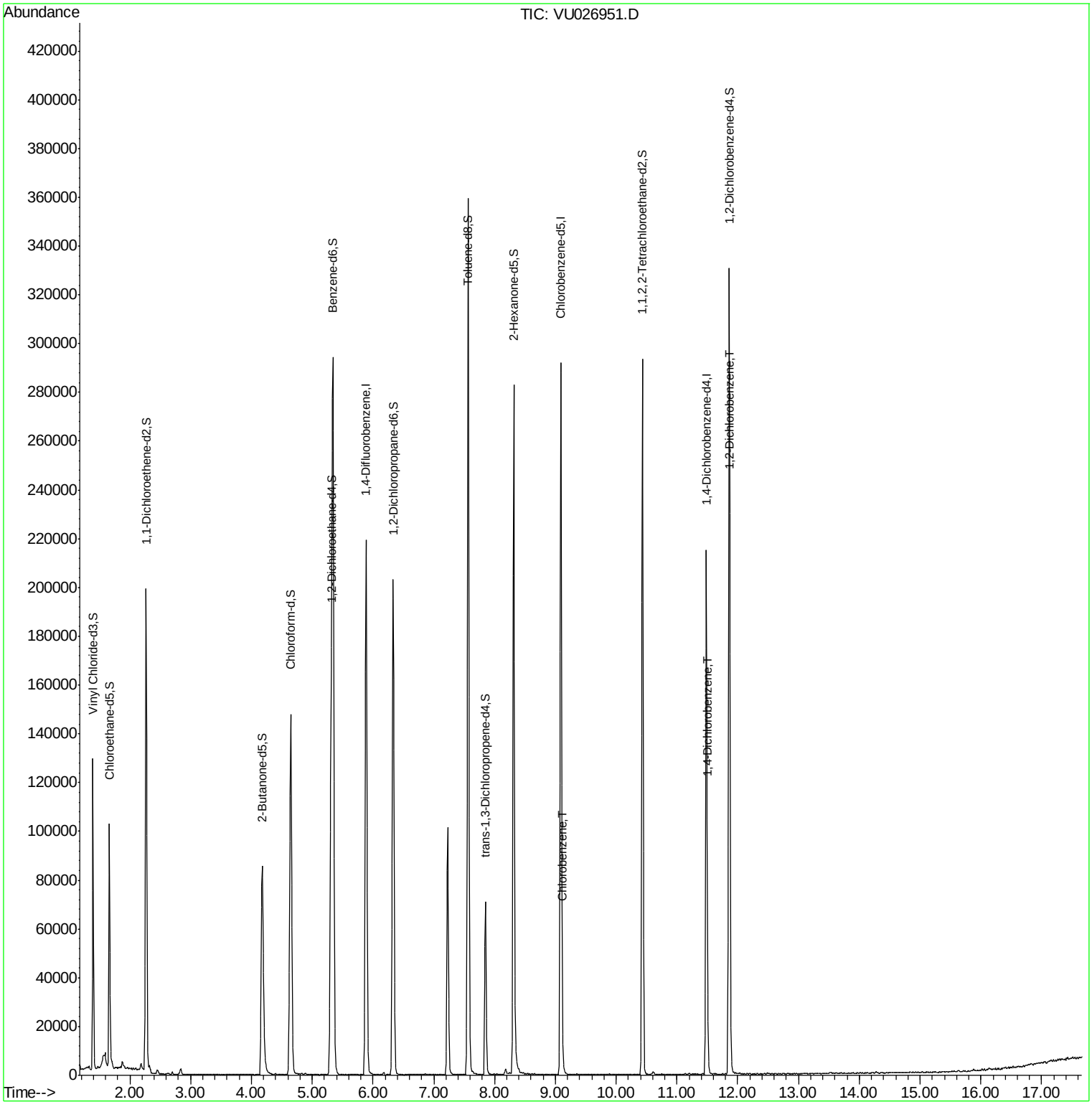
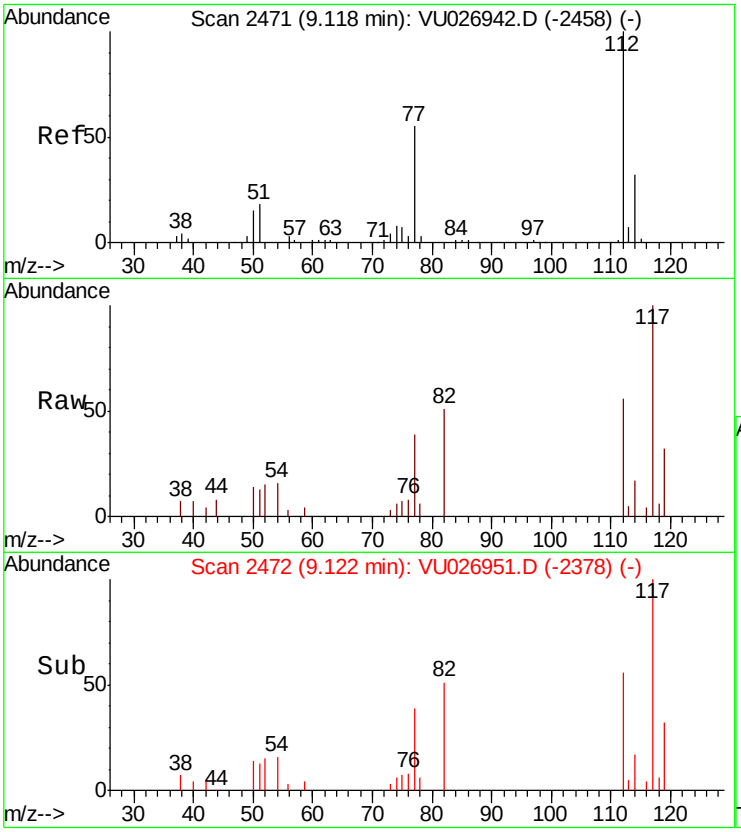


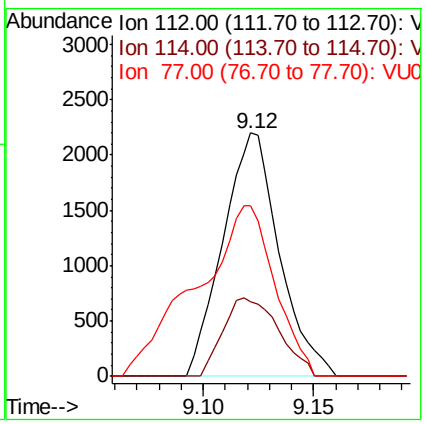


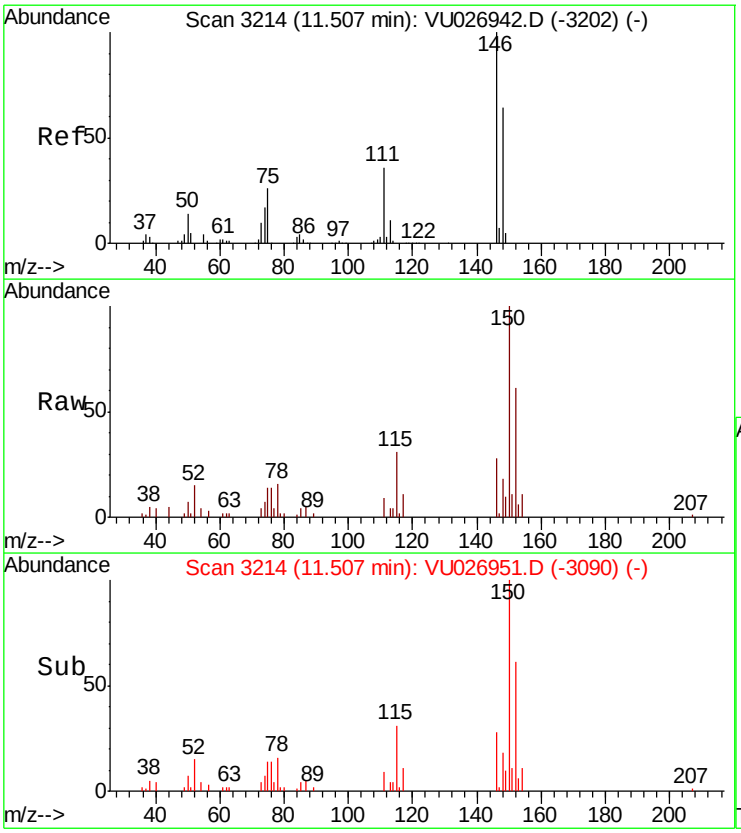
#51
Chlorobenzene
Concen: 1.093 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026951.D
Acq: 20 Sep 2018 22:22

Instrument : MSVOA_U
ClientSampleId : C08M1

Tgt Ion:112 Resp: 3895

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.3	41.5
77	69.9	45.1	67.7#

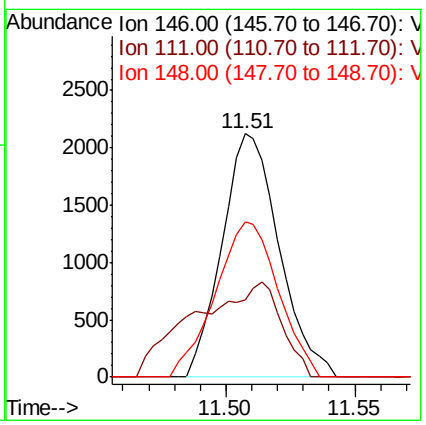


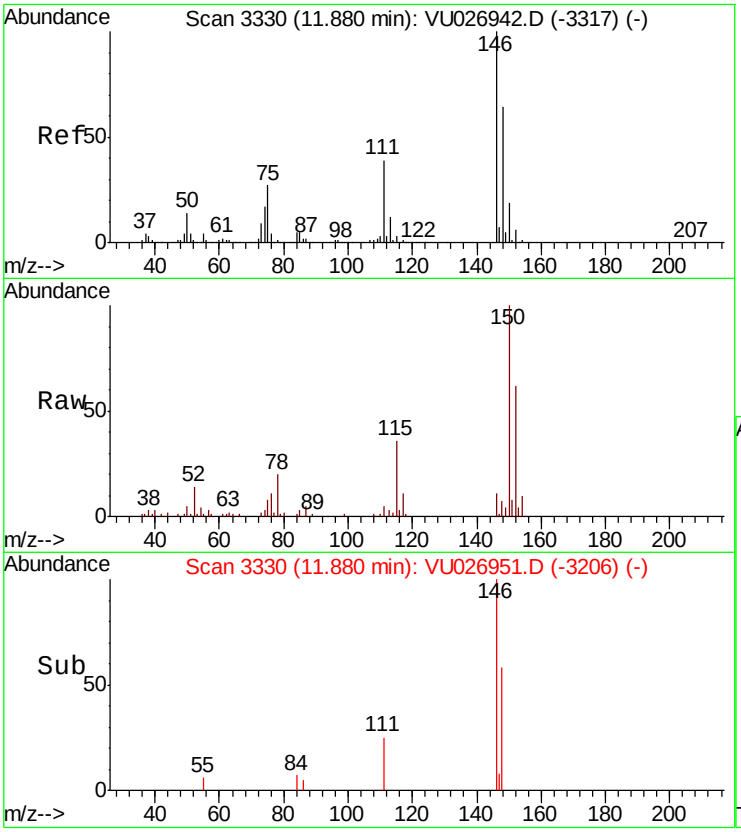


#63
1,4-Dichlorobenzene
Concen: 1.613 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026951.D
Acq: 20 Sep 2018 22:22

Tgt Ion:146 Resp: 3279

Ion	Ratio	Lower	Upper
146	100		
111	32.0	26.0	48.2
148	63.9	45.8	85.2





#65
1,2-Dichlorobenzene
Concen: 1.601 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026951.D
Acq: 20 Sep 2018 22:22

Instrument :
MSVOA_U
ClientSampleId :
C08M1

Tgt Ion:146 Resp: 3274

Ion	Ratio	Lower	Upper
146	100		
111	46.4	31.4	47.0
148	64.4	51.4	77.2